

# Special types of Altro safety flooring

## Heavy duty solutions

### Altro Unity 25, Altro Classic 25, Altro Designer 25

Our 2.5mm safety flooring provides outstanding durability and sustained slip resistance, and are the ideal choice for extreme heavy duty areas where extra protection is needed. Their excellent resistance to mechanical or physical damage makes them firm favourites in demanding environments like education, industry and healthcare.

These three heavy duty ranges offer contemporary, industrial or decorative design options. Easy to maintain and clean, they provide lasting appearance retention and are backed by lengthy 20 year product warranties and 25 year life expectancies. And where ease of maintenance and aesthetics are key, Altro Unity 25 offers a fresh palette and PUR technology.

## Versatile solutions

### Altro Walkway 20, Altro XpressLay

Providing sustained slip resistance, excellent durability and ease of installation, these low maintenance safety floors are easy to clean and perfect for busy areas. Plus, they offer a great choice of colour, and chipped and non-chipped varieties for design flexibility.

Apart from traditionally adhered ranges, we also offer a truly sustainable, recyclable and reusable, adhesive-free option: Altro XpressLay. It's suitable for lots of different applications and is ideal for use where original substrates may need protecting or where sustainable criteria must be met. Altro XpressLay is also the only safety floor that's 100% recyclable or reusable post-consumer.

## Inspirational solutions

### Altro Suprema II, Altro Wood Safety

These safety floors are designed for areas where aesthetics, sustainable slip resistance and durability are all equally important. They offer a huge colour choice (Altro Suprema II has up to 40 plain and chipped options), can reproduce the natural warmth of nature (Altro Wood Safety), and their non-sparkle finish makes them perfectly suited for dementia and care homes. They're also ideal for public areas like receptions, corridors, shops, cafes, wards and day rooms, where appearances are especially important.

## Special application solutions

We've also developed flooring solutions for demanding environments with particular requirements.

### For kitchens / catering - Altro Stronghold 30

The wet and greasy conditions of kitchens prone to frequent spillages are catered for by a 3mm safety floor which boasts Altro's highest rating for slip resistance.

### For industrial applications - Altro Atlas 40

A 4mm option gives enhanced resistance to chemicals, indentation and mechanical damage, making it ideal for use in locations like areas with light engineering and chemical processing.

### For barefoot/shod - Altro Aquarius

For wet areas where people could be barefoot or wearing any type of shoe, Altro's revolutionary Altro Aquarius is the ideal solution. It can be used in wet and dry locations including bathrooms, shower and changing areas, found in healthcare, leisure and social housing environments.



Technical chart			Altro safety flooring					
			Altro Designer 25	Altro Classic 25	Altro Unity 25	Altro Atlas 40	Altro Stronghold 30	Altro Walkway 20
Sustained slip (years)			25	25	25	20	20	15
Warranty (years)			20	20	20	15	15	10
Life expectancy (years)			25	25	25	20	20	15
Surface					Maxis PUR			Maxis PUR
Thickness		EN 428	2.5mm	2.5mm	2.5mm	4mm	3mm	2mm
Weight		EN 430	3.3kg/m²	3.2kg/m²	3.2kg/m²	5.4kg/m²	3.9kg/m²	2.6kg/m²
Wear characteristics / usage		EN 13845	34/43	34/43	34/43	34/43	34/43	34/43
		EN 651						
		EN 649						
		EN 1817						
		EN 12199						
	Wet room	EN 13553	W2	W2	W2	W2	W2	W2
Durability	Residual indentation	EN 433	≤0.10mm	≤0.10mm	≤0.10mm	≤0.10mm	≤0.10mm	≤0.10mm
	Dimensional stability	EN 434	≤0.4%	≤0.4%	≤0.4%	≤0.4%	≤0.4%	≤0.4%
	Flexibility	EN 435	Pass	Pass	Pass	Pass	Pass	Pass
Strength / flexibility	Seam / weld strength	EN 684	Pass	Pass	Pass	Pass	Pass	Pass
Reistance to wear	Castor chair abrasion	EN 425	Pass	Pass	Pass	Pass	Pass	Pass
	Taber abrasion	EN 13845	50 000 Cycles	50 000 Cycles	50 000 Cycles	50 000 Cycles	50 000 Cycles	50 000 Cycles
Slip resistance		BS 7976 TRRL	≥ 40	≥ 45	≥ 40	≥ 36	≥ 55	≥ 36
		Surface Roughness	≥ 20µm	≥ 20µm	≥ 20µm	≥ 20µm	≥ 20µm	≥ 20µm
		DIN 51130	R10	R11	R10	R10	R12	R10
		DIN 51097						
		EN 13485 Annex C	ESf	ESf	ESf	ESf	ESf	ESf
		EN 13893	DS	DS	DS	DS	DS	DS
Fire performance		EN 13501-1	Class Bfl s1	Class Bfl s1	Class Bfl s1	Class Bfl s1	Class Bfl s1	Class Bfl s1
		EN ISO 9239-1	≥ 8kW/m²	≥ 8kW/m²	≥ 8kW/m2	≥ 8kW/m²	≥ 8kW/m²	≥ 8kW/m²
		EN ISO 11925-2	Pass	Pass	Pass	Pass	Pass	Pass
Cigarette burn resistance		EN 1399						
Sound insulation		ISO 140-8	7dB	5dB	9dB	7dB	10dB	5dB
Colour / light fastness		EN 20105 B02	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
Chemical / stain resistance		EN 423	Good	Good	Good	Good	Good	Good
Electrical properties		BS 2050						
		EN 1081						
		EN 1815	≤ 2kV	≤ 2kV	≤ 2kV	≤ 2kV	≤ 2kV	≤ 2kV
Underfloor heating	Thermal insulation	EN 12667	Suitable	Suitable	Suitable	Suitable	Suitable	Suitable
VOC		AgBB/DiBt	Approved	Approved	Approved	Approved	Approved	Approved
		BREEAM HEA9	E1	E1	E1	E1	E1	E1
BRE generic green guide	Health		A+	A+	A+	A+	A+	A+
	Education		A+	A+	A+	A+	A+	A+
	Commercial		A	A	A	A	A	A
	Domestic		B	B	B	B	B	B
	Retail durability / fashion		A/A+	A/A+	A/A+	A/A+	A/A+	A/A+

\*Warranty period does not apply to static-dissipative properties

							Altro smooth flooring			Altro rubber flooring	
Altro Marine 20	Altro Aquarius 20	Altro Suprema II	Altro Wood Safety	Altro Impressionist II	Altro XpressLay	Altro Walkway VM20 SD	Altro Zodiac Smooth	Altro Wood Smooth	Altro Wood Smooth Acoustic	Altro Nuvola Stratus	Altro Nuvola Cirrus
	15	15	15	15	15	15					
10	10	10	10	10	10	10*	5	5	5	5	5
15	15	15	15	15	15	15	10	7-10	10	10	10
	Maxis PUR	Maxis PUR	Maxis PUR		Maxis PUR		PUR	PUR	PUR		
2mm	2mm	2mm	2mm	2mm	2.2mm	2mm	2mm	2mm	3.7mm	2.5/4mm	2mm
2.6kg/m²	2.6kg/m²	2.5kg/m²	2.66kg/m²	2.6kg/m²	2.6kg/m²	2.6kg/m²	2.66kg/m²	2.66kg/m²	2.75kg/m²	3.8kg/m²	3.3kg/m²
34/43	34/43	34/43	34/43	34/43	34/43	34/43					
									34/42		
							34/43	34/43			
											34/42
										32/41	
W2	W2	W2	W2	W2	W2	W2					
≤0.10mm	≤0.10mm	≤0.10mm	≤0.10mm	≤0.10mm	≤0.10mm	≤0.10mm	≤0.10mm	≤0.10mm	≤0.2mm	≤0.20mm	≤0.15mm
≤0.4%	≤0.4%	≤0.4%	≤0.4%	≤0.4%	≤0.4%	≤0.4%	≤0.4%	≤0.4%	≤0.4%	≤0.4%	≤0.4%
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass		
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
50 000 Cycles	50 000 Cycles	50 000 Cycles	50 000 Cycles	50 000 Cycles	50 000 Cycles	50 000 Cycles					
-	≥ 50	≥ 36	≥ 36	≥ 36	≥ 36	≥ 36					
≥ 20µm	≥ 20µm	≥ 20µm	≥ 20µm	≥ 20µm	≥ 20µm	≥ 20µm					
R10	R10	R10	R10	R10	R10	R10	R10	R10	R10	R9	R9
C	B										
Esb	ESf / ESb	ESf	ESf	ESf	ESf	ESf					
DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS
Class Bfl s1	Class Bfl s1	Class Bfl s1	Class Bfl s1	Class Bfl s1	Class Bfl s1	Class Bfl s1	Class Bfl s1	Class Bfl s1	Class Cfl s1	Class Bfl s1	Class Bfl s1
≥ 8kW/m²	≥ 8kW/m2	≥ 8kW/m²	≥ 8kW/m²	≥ 8kW/m²	≥ 8kW/m²	≥ 8kW/m²	≥ 8kW/m²	≥ 8kW/m²	≥ 4.5kW/m²	≥ 8kW/m²	≥ 8kW/m²
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
										Good	Good
13dB	5dB	5dB	4dB	5dB	7dB	5dB	4dB	4dB	18dB	8dB	6dB
≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
						2 x 10⁷Ohms					
						≤10⁹Ohms					
≤ 2kV	≤ 2kV	≤ 2kV	≤ 2kV	≤ 2kV	≤ 2kV	≤ 2kV	≤ 2kV	≤ 2kV	≤ 2kV	≤ 2kV	≤ 2kV
Suitable	Suitable	Suitable	Suitable	Suitable	Suitable	Suitable	Suitable	Suitable	Suitable	Suitable	Suitable
Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved		
E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1
A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+
A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+
A	A	A	A	A	A	A	A	A	A	A	A
B	B	B	B	B	B	B	A	A	A	A	A
A/A+	A/A+	A/A+	A/A+	A/A+	A/A+	A/A+	A+/A+	A+/A+	A/A+	A/A+	A+/A+





**Durable, rugged and stylishly tough**  
great for wheeled and high traffic areas.

## Why use 2.5mm safety flooring?

In a word, durability. 2.5mm safety flooring is 25% thicker than 2mm safety flooring; it may not sound much, but it makes all the difference. 2.5mm safety flooring is significantly more robust than 2mm safety flooring, providing:

- resistance to impact damage, mechanical / physical damage and point loading
- enhanced durability for heavy duty areas with intense use
- resistance to foot and wheeled traffic, including trolleys, wheelchairs and service area equipment
- subfloor protection, by minimising and even preventing damage to the subfloor

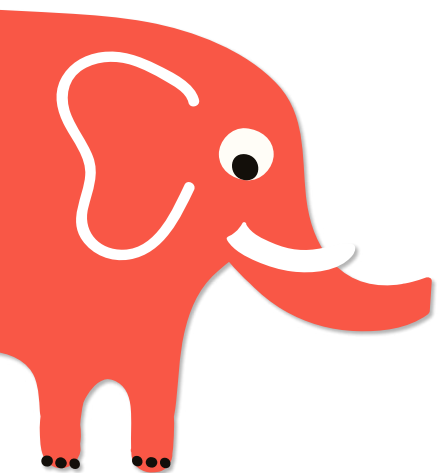
### Meet the Altro 2.5mm safety flooring family

Developed from the first-ever safety flooring which launched over 60 years ago, our 2.5mm safety flooring is tried, tested and trusted. From traditional, functional looks to contemporary, sparkle-free finishes, the range is designed to meet your practical – and aesthetic – requirements.

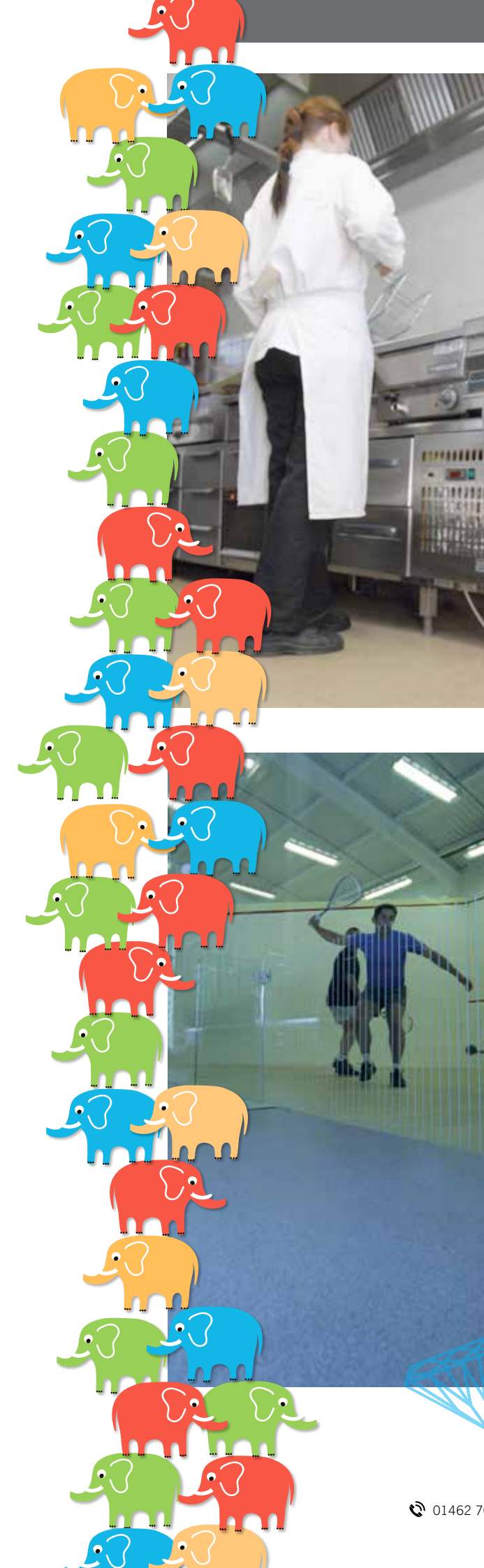
**Altro Designer 25** is a rugged, hardwearing safety flooring with decorative coloured quartz and a reassuring look. It's great for service corridors and circulation areas subjected to wheeled and high-volume traffic, back of house areas and tertiary / industrial laboratories.

**Altro Unity 25** is a stylishly tough safety flooring that's available in a palette of 18 plain and chipped options to give a fresh, modern look. It's ideal for corridors subjected to foot and wheeled traffic, such as hospital streets and clinical areas, and secondary school labs.

**Altro Classic 25** was the first-ever safety flooring. Available in practical, dirt-hiding colours, it has a traditional, industrial look. Altro Classic 25 is well suited to locations where contaminants are present, such as circulation areas and CDT / art rooms; its R11 rating means it can deal with substances like chalk, paint, dirt and clay.



Mightier than 127 elephants and as strong as concrete...  
Altro 2.5mm safety flooring is a tough and rugged hero for modern times



### 2.5mm safety flooring – proven strength and durability

Need some hard facts on why 2.5mm safety flooring is the right choice? We've rigorously tested it to prove its strengths, and here are the results.

#### Tougher than tiles

The Taber test (based on ASTM C501) shows that Altro Designer 25, Altro Classic 25 and Altro Unity 25 are harder wearing than ceramic tiles and quarry tiles.

#### Mightier than 127 elephants

Prepare to be amazed... Altro 2.5mm safety flooring could withstand the pressure of 127 elephants standing on top of each other.

A static load test (ASTM F970) proves the flooring withstands a pressure of 2,000PSI, which equates to 127 elephants standing on top of each other – based on an average-sized, adult African elephant, 14,000lbs per elephant. This shows how successfully Altro 2.5mm safety flooring withstands point loading (no elephants were harmed in this test).

#### Resistant to ripping

The tear initiation test (based on BS 2782-3) proves that, to tear 2.5mm Altro safety flooring, you typically need the force of 500 N/cm<sup>2</sup>. That's like trying to tear a 1,000-page phone directory in half.

#### As strong as concrete

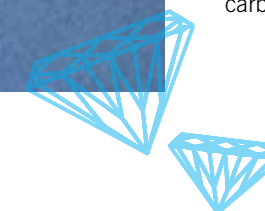
The tensile test (based on BS 2782-3) shows Altro 2.5mm safety flooring is as tough to pull apart as concrete – or even tougher.

#### Resistant to torque

2.5mm safety flooring absorbs and dissipates the energy from wheeled traffic. This means the flooring is less likely to de-bond and makes journeys smoother for patients on trolleys and the staff pushing them.

#### Harder than nails

Only a diamond is harder than the aluminium oxide and silicon carbide used in our 2.5mm safety flooring.





# Where should 2.5mm safety flooring be used?

Traditionally, the look of 2.5mm safety flooring meant it was relegated to back-of-house territory. But with today's choice of fresh new colours and PUR cleanability, Altro 2.5mm safety flooring can be installed where first impressions count, making it suitable for any location needing extra durability. In short, it's a hard-wearing floor for hard-working areas.

## Building entrances

Building entrances and lobbies have to work hard. Intense traffic is concentrated in a small area where the outside comes in, in the form of moisture, grit and debris on shoes. 2.5mm safety flooring provides sustained slip resistance in these demanding conditions for 25 years, making your risk of slipping just one in a million.

## Healthcare

For healthcare environments, there are two major challenges – intense footfall and wheeled traffic. Visitor/patient numbers in their thousands, staff in their hundreds, patient trolleys, wheelchairs and wheeled equipment all take their toll on the floor. Here, 2.5mm safety flooring is ideal, as it is much more resilient to torque, which passes through the wheels and is partially absorbed by and dissipated through the flooring. Thicker flooring dissipates the energy more effectively, making the flooring less likely to de-bond and providing a smoother journey for patients on trolleys and the staff pushing them.

### Typical applications:

- hospital streets including inclines where patients are moved on wheeled stretchers / beds
- clinical areas with foot and wheeled traffic
- service areas and service corridors – for example, where tugs pull laundry trolleys
- laundry areas with heavy bins and industrial washing machines which may vibrate
- equipment / cleaners' store rooms

## Education

From teeny toddlers to grown-up graduates, students of all ages can be tough on floors. Combat potential damage in areas of intense use with 2.5mm safety flooring, which resists impact damage and point loading.

### Typical applications:

- science laboratories / prep rooms / chemical stores
- art / textiles / photographic studios / drama studios
- CDT rooms, where the flooring needs to tolerate heavy equipment and high levels of point loading, such as swivelling on stool legs
- locker rooms
- store rooms for PE equipment, chairs and cleaning products



## Retail / stadia / exhibition halls

Where intense activity takes place in a confined area, the extra thickness of 2.5mm safety flooring provides the durability needed.

### Typical applications:

- shopping mall walkways / shop entrances
- in front of concessions / food outlets
- venue entrances
- delivery bays

## Hotels / leisure

2.5mm safety flooring is the perfect match for the diverse needs of this sector, from locations with intense equipment usage to those prone to spillage - such as areas behind bars, where the floor is often subjected to spilt liquids, broken glass and lots of staff movement.

### Typical applications:

- behind bars
- laundry areas
- service corridors – intense movement of trolleys of food / laundry

## Industry

When industrial flooring needs to be safe in all conditions, for both pedestrians and wheeled traffic, 2.5mm is a great choice.

### Typical applications:

- shop floors, inclined gantries, areas where operatives wear steel capped shoes
- areas of point loading
- locker rooms
- launderettes
- laboratories

## Defence

2.5mm provides extra durability for areas where floors need to withstand big, heavy boots and wheeled traffic.

### Typical applications:

- toilets
- changing rooms and locker rooms
- dining areas
- corridors
- circulation areas
- ammunition rooms







Mount Vernon Hospital

# Altro Unity™ 25

Patent number GB 2 462 167

Typical applications:

- Corridors subject to foot and wheeled traffic, such as hospital streets.**
- Clinical areas in hospitals with foot and wheeled traffic.**
- Secondary school labs. Dining rooms.**

Need a good-looking flooring that can cope with wheels as well as feet? You need Altro Unity 25 - a stylishly tough safety flooring that gives a great first impression.

Altro Unity 25 can be specified where long-lasting slip resistance and stain resistance are essential in heavy traffic areas. It contains aluminium trioxide and coloured quartz, and includes Altro Easyclean Maxis PUR technology for easier cleaning and maintenance.

The flooring is highly durable and resistant to moisture, temperature extremes, point loading, wheeled traffic, most chemicals and physical / mechanical damage. This makes it perfect for public walkways that need to look good and work hard.

For specialist locations such as kitchens, canteens and food preparation areas, where grease, oils or fats may be present, we recommend Altro Stronghold 30. For bathrooms and wet rooms we recommend Altro Aquarius.

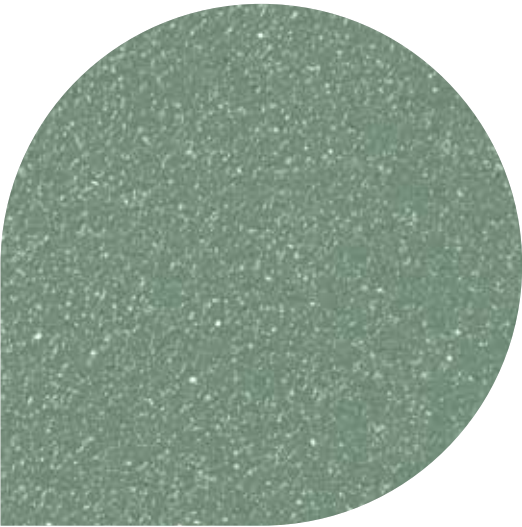


**!** We strongly recommend carrying out a risk assessment in any area in which the installation of safety flooring is considered, focusing on the potential risk posed by contaminants from spillages. See [www.altro.com/safety](http://www.altro.com/safety) for more information.

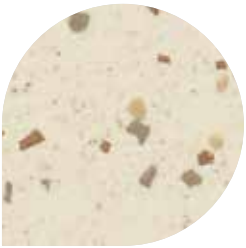
- Looks great with:
- **Altro Whiterock White**
  - **Altro Whiterock Satins**
  - **Altro Designer 25**
  - **Altro Classic 25**
  - **Altro Suprema II**

**g** Contributes to reducing the environmental impact of your specification:

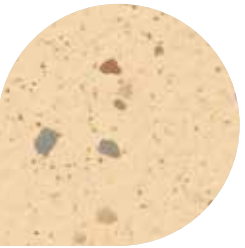
- A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



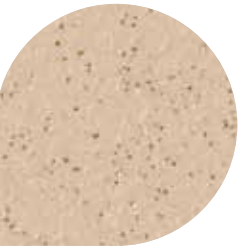
**Roof Garden**  
UB2500 LRV: 23  
WR262 / A1M154



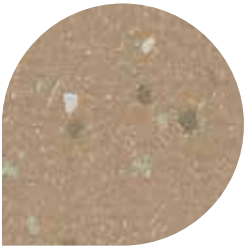
**Ice Rink**  
UBI2514 LRV: 70  
WR291 / A1M01



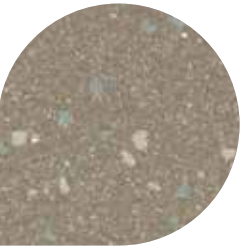
**Statue**  
UBI2513 LRV: 62  
WR304 / A1M12



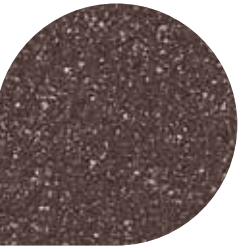
**Arena**  
UB2510 LRV: 41  
WR297 / A1M20



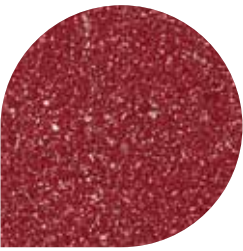
**Plaza**  
UBI2512 LRV: 32  
WR27 / A1M27



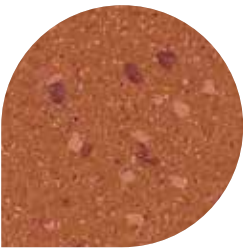
**Monument**  
UBI2508 LRV: 23  
WR305 / A1M239



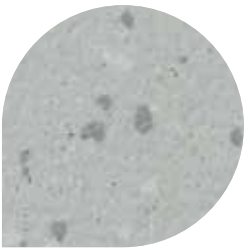
**Gallery**  
UB2511 LRV: 10  
WR62 / A1M62



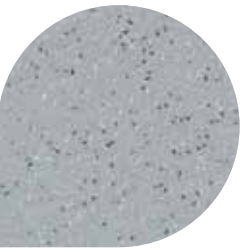
**Forge**  
UB2515 LRV: 9  
WR248 / A1M238



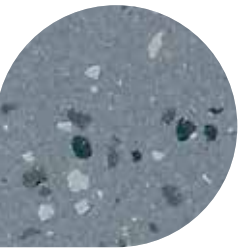
**Signal**  
UBI2516 LRV: 13  
WR300 / A1M42



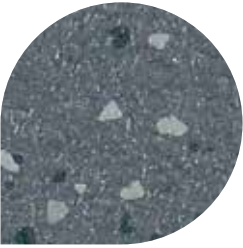
**Streetlight**  
UBI2505 LRV: 45  
WR287 / A1M79



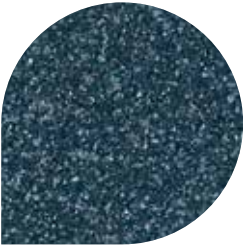
**Temple**  
UB2509 LRV: 27  
WR261 / A1M81



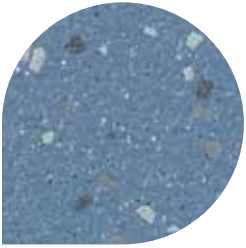
**Rock**  
UBI2504 LRV: 23  
WR84 / A1M84



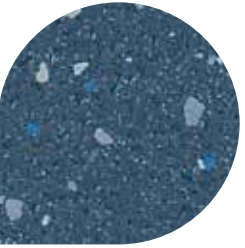
**Pavement**  
UBI2507 LRV: 14  
WR83 / A1M83



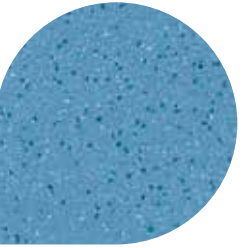
**Runway**  
UB2506 LRV: 9  
WR72 / A1M72



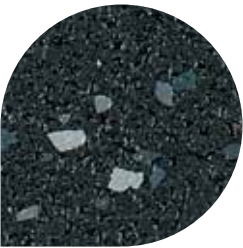
**Fountain**  
UBI2502 LRV: 22  
WR306 / A1M71



**Pool**  
UBI2503 LRV: 10  
WR307 / A1M73



**Stream**  
UB2501 LRV: 22  
WR288 / A1M71



**Vault**  
UBI2517 LRV: 5  
WR277 / A1M100

**i** For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You'll find their product codes under the relevant swatches. Please see product selector on pages 70-71 for full details.

LRV = Light Reflectance Value

Dimensions 2m x 20m
Format <b>ROLL</b>
Thickness 2.5mm

**Samples**  
If colour choice is critical, please request a sample of the material.  
**+44 (0) 1462 707 600**  
**samples@altro.com**







# Altro Classic™ 25

Typical applications:  
**Locations where substances like chalk, paint, clay or dirt are present, such as craft, design and technology (CDT) / art rooms and circulation areas.**

Classic by name, classic by nature. Altro Classic 25 was the first ever safety flooring; it's been tried and trusted for over 60 years, and its traditional, industrial look is still popular today.

Altro Classic 25 provides lasting slip resistance, durability and abrasion resistance, making it ideal for use in heavy traffic areas – particularly with wheeled traffic. It's also good for areas where occasional moisture and dust can increase the risk of slipping as it has a TRRL rating  $\geq 45$  and an R11 slip rating.

Available in practical, dirt-hiding shades, with the addition of new colours for even greater choice, Altro Classic 25 is easy to clean and maintain.

For specialist locations such as kitchens, canteens and food preparation areas, where grease, oils or fats may be present, we recommend Altro Stronghold 30. For bathrooms and wet rooms we recommend Altro Aquarius.



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- Looks great with:**
- Altro Whiterock White
  - Altro Whiterock Satins
  - Altro Unity 25
  - Altro Designer 25
  - Altro Suprema II
  - Altro Stronghold 30

**g** Contributes to reducing the environmental impact of your specification:

- A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)




**i** For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You'll find their product codes under the relevant swatches. Please see product selector on pages 70-71 for full details.

LRV = Light Reflectance Value

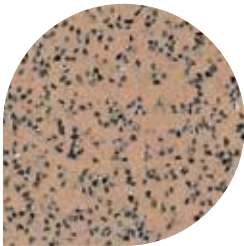
Dimensions 2m x 20m
Format <b>ROLL</b>
Thickness 2.5mm

**Samples**  
If colour choice is critical, please request a sample of the material.  
**+44 (0) 1462 707 600**  
**samples@altro.com**






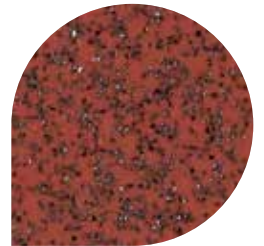
**Anvil**  
X2594R11 LRV: 11  
WR101 / A1M72



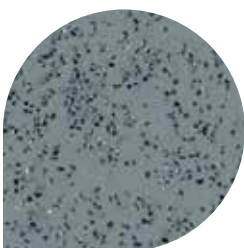
**Mushroom**  
X2542R11 LRV: 32  
WR24 / A1M27



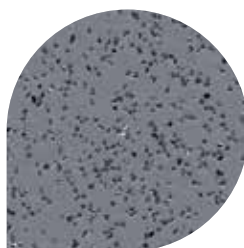
**Walnut**  
X2586R11 LRV: 10  
WR62 / A1M62



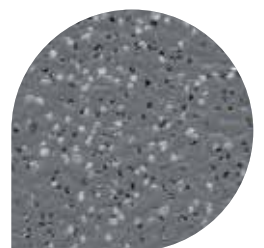
**Quarry Red**  
X2560R11 LRV: 13  
WR42 / A1M42



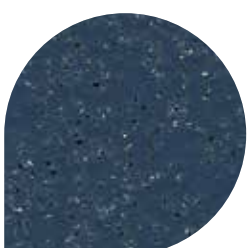
**Pewter Grey**  
X2539R11 LRV: 26  
WR81 / A1M81



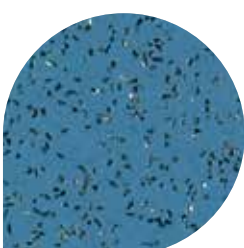
**Whisper**  
X2548R11 LRV: 24  
WR354 / A1M84




**Graphite**  
X2546R11 LRV: 21  
WR86 / A1M86



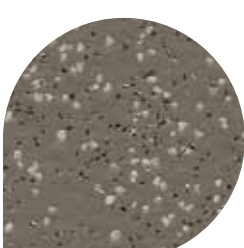
**Legend**  
X2544R11 LRV: 10  
WR231 / A1M73



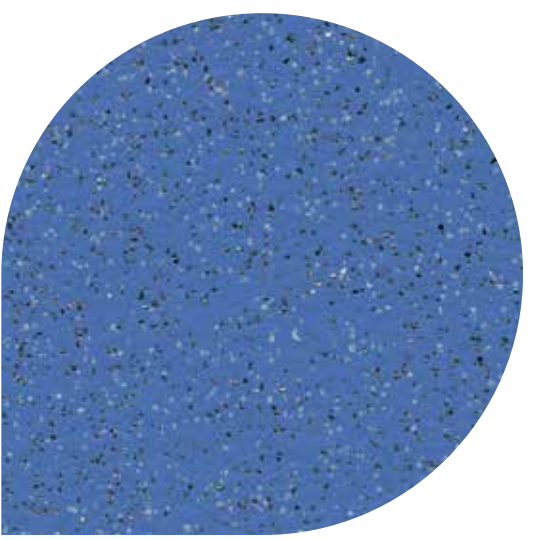
**Blue**  
X2541R11 LRV: 20  
WR71 / A1M71



**Blackberry**  
X2547R11 LRV: 7  
WR100 / A1M100



**Truffle**  
X2545R11 LRV: 17  
WR153 / A1M239



**Aster**  
X2549R11 LRV: 17  
WR286 / A1M286





## Altro Designer™ 25

Typical applications:

**Service corridors and circulation areas subject to wheeled and high-volume traffic. Back of house areas. Tertiary / industrial laboratories.**

When it comes to rugged, hardwearing safety flooring, Altro Designer 25 is the real deal. It's engineered with quartz, silicon carbide and aluminium trioxide for long-term durability and slip resistance, making it great for heavy duty environments with moveable or wheeled furniture.

Altro Designer 25 has a reassuring look and comes in practical, dirt-hiding colours featuring decorative coloured quartz. Designed for low maintenance, it incorporates Altro Easyclean™ Original Technology for a lasting attractive appearance and savings in time and cleaning costs.

For specialist locations such as kitchens, canteens and food preparation areas, where grease, oils or fats may be present, we recommend Altro Stronghold 30. For bathrooms and wet rooms we recommend Altro Aquarius.



University of Waterloo



We strongly recommend carrying out a risk assessment in any area in which the installation of safety flooring is considered, focusing on the potential risk posed by contaminants from spillages. See [www.altro.com/safety](http://www.altro.com/safety) for more information.



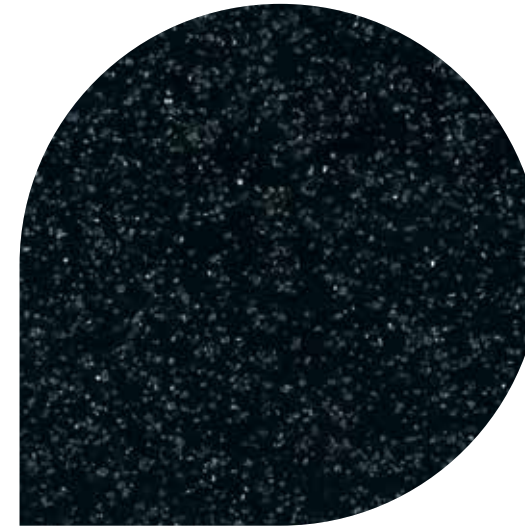
Looks great with:

- Altro Whiterock White
- Altro Whiterock Satins
- Altro Unity 25
- Altro Classic 25
- Altro Suprema II



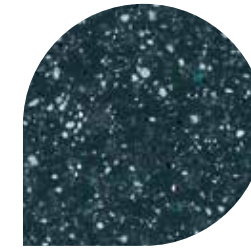
Contributes to reducing the environmental impact of your specification:

- A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



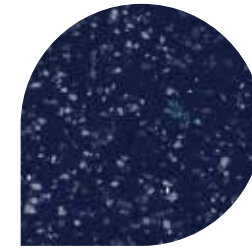
Jet

D2501 LRV: 6  
WR100 / A1M100



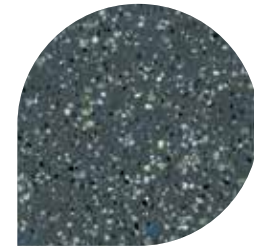
Midnight

D25421 LRV: 11  
WR72 / A1M72



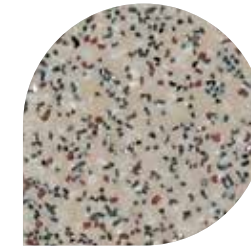
Twilight

D25910 LRV: 8  
WR39 / A1M34



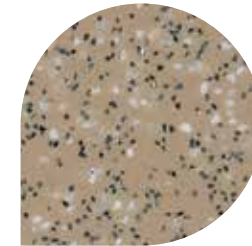
Storm

D25903 LRV: 16  
WR82 / A1M82



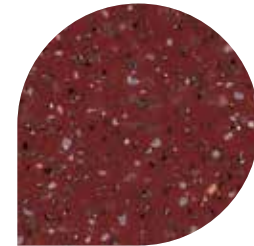
Bone

D25215 LRV: 37  
WR20 / A1M20



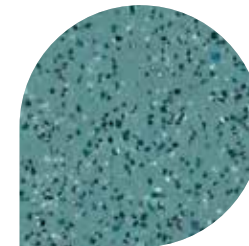
Biscuit

D25904 LRV: 30  
WR146 / A1M20



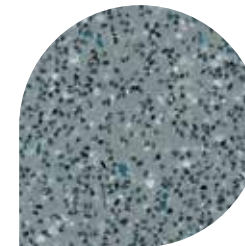
Rust

D25907 LRV: 10  
WR150 / A1M238



Skyline

D25332 LRV: 25  
WR52 / A1M52



Fog

D25153 LRV: 27  
WR81 / A1M81



EN14041  
Manufactured by:  
Altro Ltd, Works Road  
Letchworth Garden City  
SG6 1NW  
United Kingdom



For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You'll find their product codes under the relevant swatches.

Please see product selector on pages 70-71 for full details.

LRV = Light Reflectance Value



Dimensions <b>2m x 20m</b>
Format <b>ROLL</b>
Thickness <b>2.5mm</b>



**Samples**

If colour choice is critical, please request a sample of the material.

+44 (0) 1462 707 600  
[samples@altro.com](mailto:samples@altro.com)





Gloucestershire and Cheltenham Fire Station

# Altro Walkway™ 20

Patent number GB 2 462 167

Typical applications:

## General purpose.

Altro Walkway 20 is our hugely popular, hard-wearing 2mm safety flooring which provides lifelong slip and abrasion resistance.

The range has 42 colours and shares its colour range with Altro XpressLay™. This enables you to combine use of both ranges when you need traditionally adhered and adhesive-free safety flooring in adjacent areas.

Altro Walkway 20 is easy to cove and weld. It achieves  $\geq 36$  on the pendulum test giving sustained slip resistance throughout the lifetime of the product. It also includes PUR cleanability, superior chemical and stain resistance.

For specialist locations such as kitchens, canteens and food preparation areas, where grease, oils or fats may be present, we recommend Altro Stronghold 30. For bathrooms and wet rooms we recommend Altro Aquarius.



Promec Dental

**!** We strongly recommend carrying out a risk assessment in any area in which the installation of safety flooring is considered, focusing on the potential risk posed by contaminants from spillages. See [www.altro.com/safety](http://www.altro.com/safety) for more information.

**Matches:**

- Altro XpressLay

Looks great with:

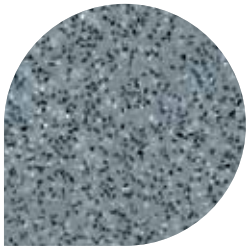
- Altro Whiterock
- Altro Aquarius
- Altro XpressLay
- Altro Wood Smooth Acoustic

**!** Contributes to reducing the environmental impact of your specification:

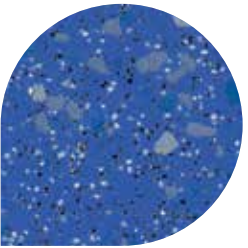
- A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



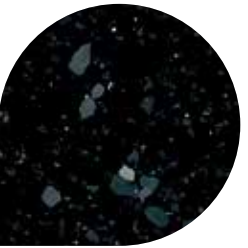
**Black**  
VM20892 LRV: 6  
WR100 / A1M100



**Fog\***  
VM20153 LRV: 27  
WR81 / A1M81



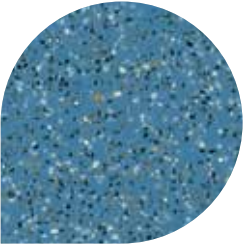
**Lupin**  
VM2059 LRV: 17  
WR286 / A1M286



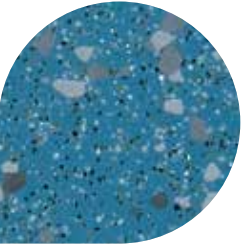
**Coal**  
VM2058 LRV: 6  
WR100 / A1M100



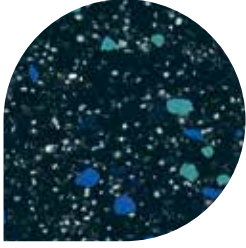
**Midnight**  
VM20421 LRV: 11  
WR72 / A1M72



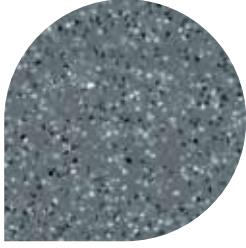
**Blue**  
VM20412 LRV: 22  
WR71 / A1M71



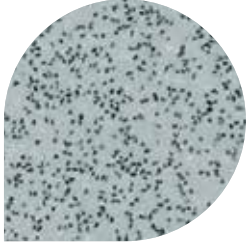
**River**  
VM2057 LRV: 22  
WR71 / A1M71



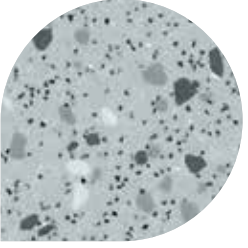
**Nightfall**  
VM2056 LRV: 10  
WR72 / A1M72



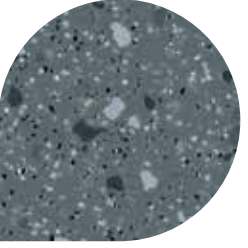
**Dolphin**  
VM2010 LRV: 21  
WR86 / A1M86



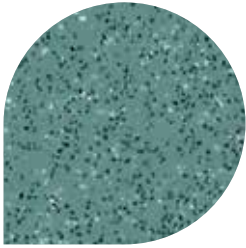
**Cloud**  
VM2014 LRV: 41  
WR79 / A1M191



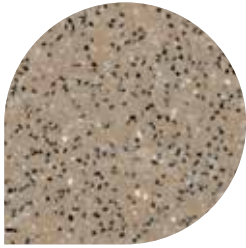
**Blizzard**  
VM2055 LRV: 44  
WR79 / A1M191



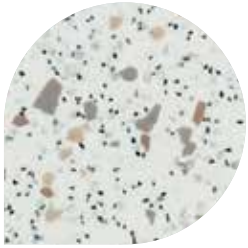
**Whale**  
VM2054 LRV: 20  
WR86 / A1M86



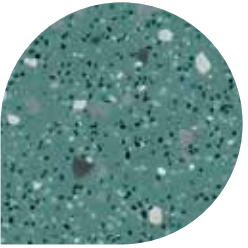
**Skyline**  
VM20332 LRV: 24  
WR52 / A1M52



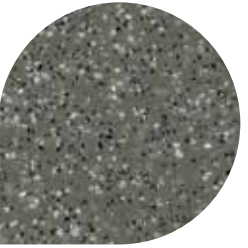
**Biscuit**  
VM20907 LRV: 30  
WR146 / A1M20



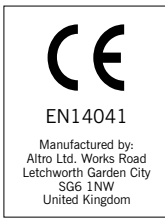
**Winter**  
VM2053 LRV: 61  
WR105 / A1M01



**Tarragon**  
VM2052 LRV: 26  
WR52 / A1M52



**Tundra**  
VM20910 LRV: 17  
WR153 / A1M239



**i** For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You'll find their product codes under the relevant swatches. Please see product selector on pages 70-71 for full details.

LRV = Light Reflectance Value

Dimensions	2m x 20m
Format	ROLL
Thickness	2mm

**Samples**

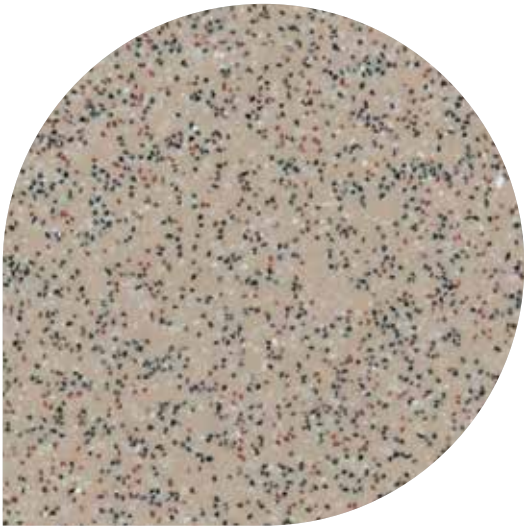
If colour choice is critical, please request a sample of the material.

+44 (0) 1462 707 600

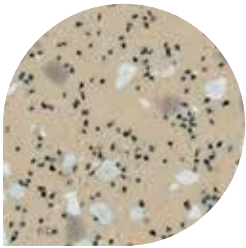
[samples@altro.com](mailto:samples@altro.com)

\*Indicates static dissipative grade available. For code use standard product code followed by 'SD'. Due to the addition of static dissipative properties, Altro Walkway 20 SD does not have exactly the same appearance as that shown above. Includes Altro Easyclean Original Technology.

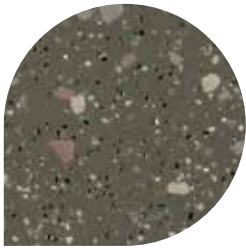




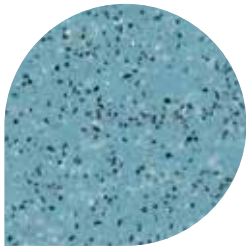
**Bone**  
VM20215 LRV: 37  
WR20 / A1M20



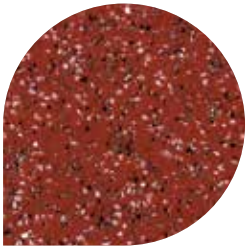
**Sand**  
VMI2051 LRV: 40  
WR20 / A1M20



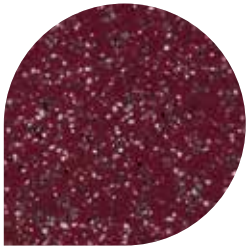
**Savannah**  
VMI2050 LRV: 19  
WR153 / A1M239



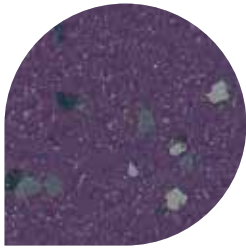
**Waterfall**  
VM20912 LRV: 31  
WR155 / A1M135



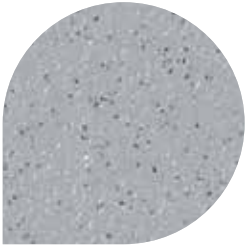
**Tango**  
VM2031 LRV: 14  
WR42 / A1M42



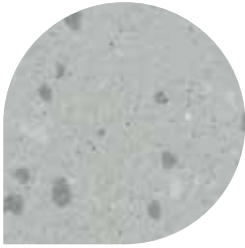
**Cherry**  
VM20920 LRV: 10  
WR148 / A1M148



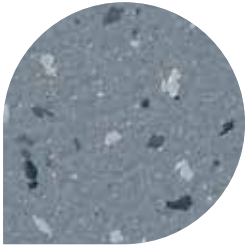
**Silk**  
VMI2003P LRV: 10  
WR310 / A1M35



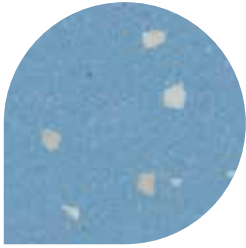
**Temple**  
VM2009P LRV: 27  
WR261 / A1M81



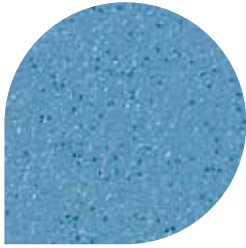
**Streetlight**  
VMI2005P LRV: 45  
WR287 / A1M79



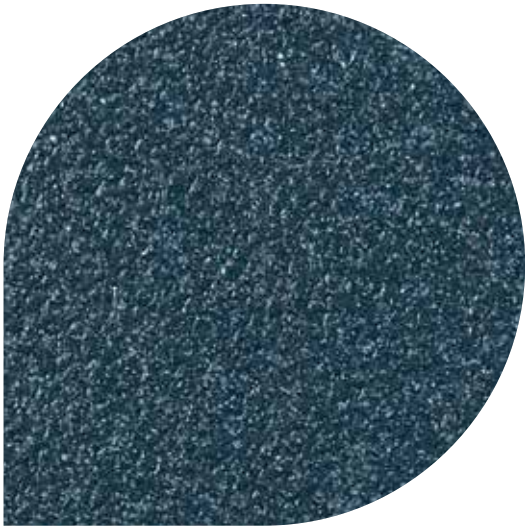
**Rock**  
VMI2004P LRV: 23  
WR84 / A1M84



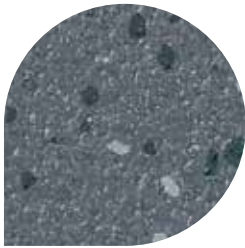
**Fresco**  
VMI2017P LRV: 31  
WR309 / A1M309



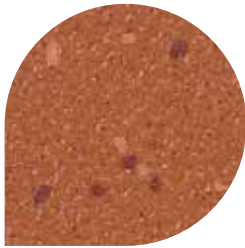
**Stream**  
VM2001P LRV: 22  
WR288 / A1M71



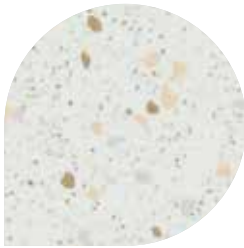
**Runway**  
VM2006P LRV: 9  
WR72 / A1M72



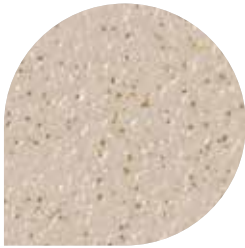
**Pavement**  
VMI2007P LRV: 14  
WR83 / A1M83



**Signal**  
VMI2016P LRV: 13  
WR300 / A1M42



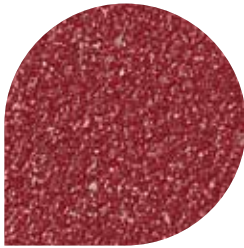
**Swan**  
VMI2012P LRV: 75  
WR291 / A1M01



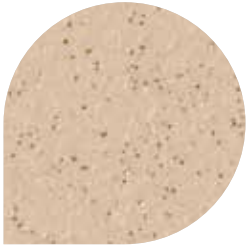
**Minster**  
VM2018P LRV: 40  
WR289 / A1M265



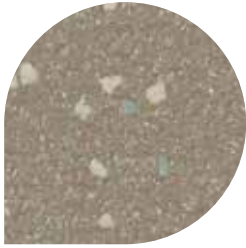
**Pitch**  
VM2020P LRV: 5  
WR277 / A1M100



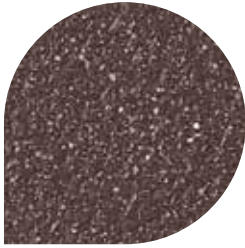
**Forge**  
VM2015P LRV: 9  
WR248 / A1M238



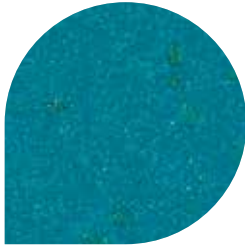
**Arena**  
VM2019P LRV: 41  
WR297 / A1M20



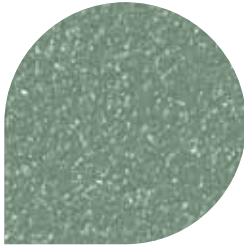
**Monument**  
VMI2008P LRV: 23  
WR305 / A1M239



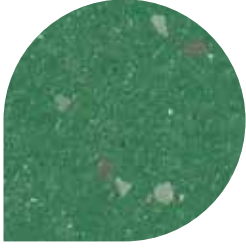
**Gallery**  
VM2011P LRV: 10  
WR62 / A1M62




**Mallard**  
VMI2013P LRV: 13  
WR302 / A1M302




**Roof Garden**  
VM2000P LRV: 23  
WR262 / A1M154

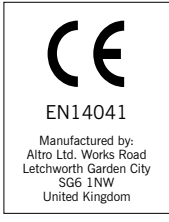



**Gecko**  
VMI2002P LRV: 18  
WR308 / A1M308

 We strongly recommend carrying out a risk assessment in any area in which the installation of safety flooring is considered, focusing on the potential risk posed by contaminants from spillages. See [www.altro.com/safety](http://www.altro.com/safety) for more information.

 Matches:  
• **Altro XpressLay**  
Looks great with:  
• **Altro Whiterock**  
• **Altro Aquarius**  
• **Altro Wood Smooth Acoustic**

 Contributes to reducing the environmental impact of your specification:  
• A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



 For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You'll find their product codes under the relevant swatches. Please see product selector on pages 70-71 for full details.  
**LRV = Light Reflectance Value**

Dimensions <b>2m x 20m</b>
Format <b>ROLL</b>
Thickness <b>2mm</b>

 **Samples**  
If colour choice is critical, please request a sample of the material.  
 **+44 (0) 1462 707 600**  
 **[samples@altro.com](mailto:samples@altro.com)**





# Altro XpressLay

The world's first adhesive-free, truly sustainable safety floor.

## It saves the environment

- It is 100% recyclable post-consumer and you can re-use it in other installations
- Uplifted product doesn't need to go to landfill – re-use it or recycle it
- It contains recycled material
- Contributes to reducing the environmental impact of your specification: A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)

## You can recycle and reuse it

- Altro XpressLay is 100% recyclable post-use and can be reused in other installations
- A+ BRE Generic Green Rating for safety flooring, full details at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)

## It saves you money

- Install it with Altro LooseLay™ double-sided tape, which is supplied free of charge with the product and is specifically formulated to work with the underside of the flooring, ensuring optimum installation results and conformity to our 10 year warranty
- You will not need adhesive or a surface damp-proof membrane
- At the end of its use, you can recycle or reuse it saving on landfill

## It saves you time

- The unique underside emboss forms tiny air channels allowing any moisture left in the subfloor to escape
- You can apply Altro XpressLay to a new concrete floor at up to 97% relative humidity and on problem surfaces like existing tiles and flaky paint, getting the job done more economically and without any problems
- There's no waiting for adhesive to 'cure', you get same-day welding and you can walk on the floor straight away

## Install it where traditional adhered safety flooring is inappropriate

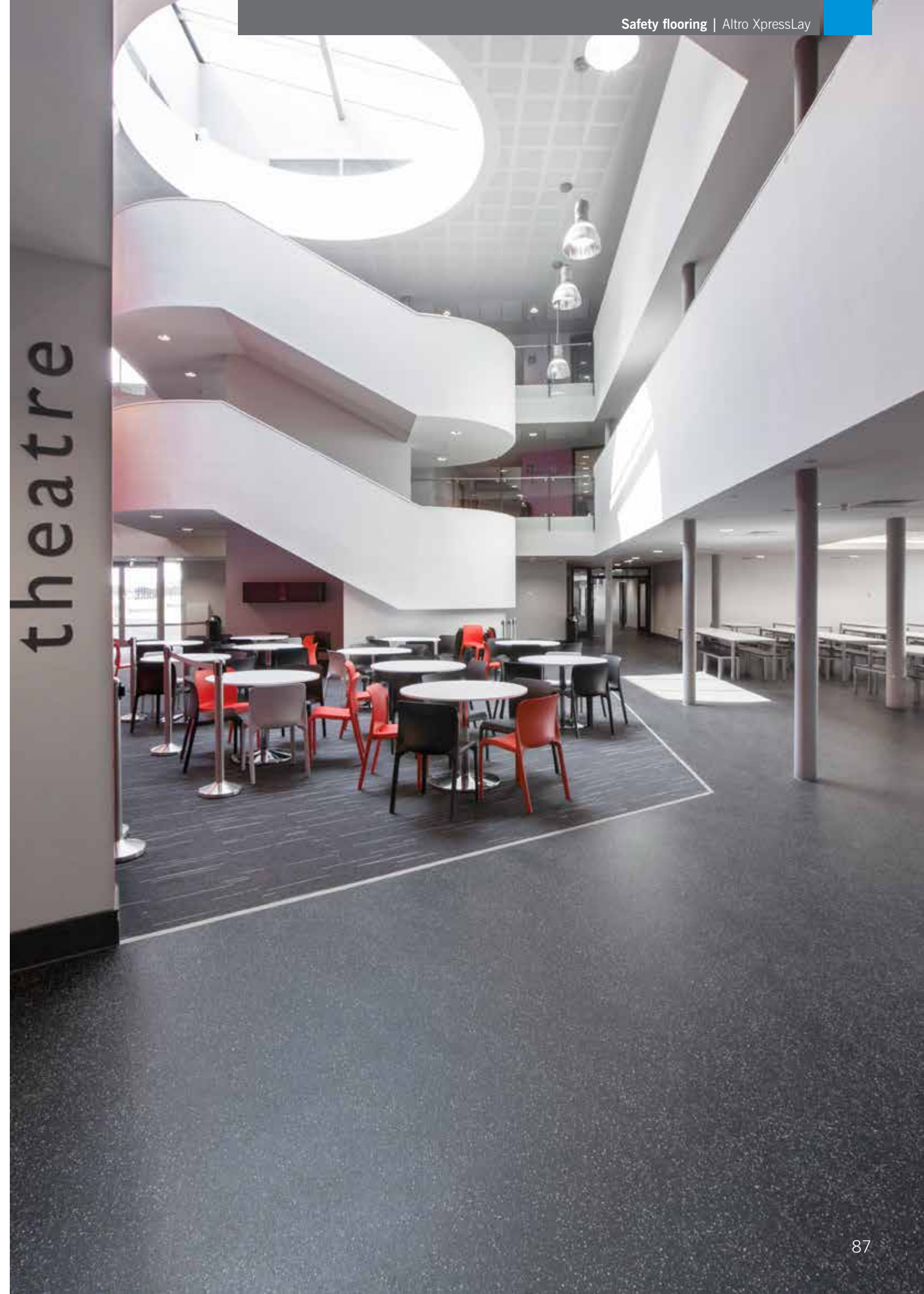
- Prevent slips and trips by installing Altro XpressLay safety flooring in new areas, where traditional adhered safety flooring is inappropriate, such as listed or temporary buildings

## It saves you hassle

- There's no need for adhesive or a surface damp-proof membrane
- You can keep underfloor heating on as you install, rather than endure timely shutdowns
- It can be straight laid or self-coved as standard safety flooring without any problems
- It may also be installed over existing sound and secure flooring surfaces such as vinyl tiles

## Award-winning safety flooring from a trusted supplier

- It's a highly durable, slip-resistant flooring for highly-trafficked areas
- Enjoy peace of mind with free expert technical support from Altro, a 10-year warranty and 15-year life expectancy







St Tello's Church in Wales High School

# Altro XpressLay™ adhesive-free safety floor

Patent number GB 2 462 167

Typical applications:

**General purpose for areas where the ability to easily remove and recycle post installation plays an important part in your requirements for sustainable flooring finishes.**

The world's first ever, adhesive-free safety floor that can save you money on materials, time on installation and offers you unrivalled sustainability credentials.

Revolutionary Altro XpressLay is a step change in the evolution of safety flooring. It's installed using a tape system instead of adhesive, so can be installed without a surface DPM. It can be easily removed post-installation, re-used elsewhere and then at the end of its life be recycled.

The range boasts 42 colours and matches with Altro Walkway™ 20 enabling you to combine the use of both ranges to suit the application.

For specialist locations such as kitchens, canteens and food preparation areas, where grease, oils or fats may be present, we recommend Altro Stronghold 30. For bathrooms and wet rooms we recommend Altro Aquarius.

**!** We strongly recommend carrying out a risk assessment in any area in which the installation of safety flooring is considered, focusing on the potential risk posed by contaminants from spillages. See [www.altro.com/safety](http://www.altro.com/safety) for more information.

**Matches:**

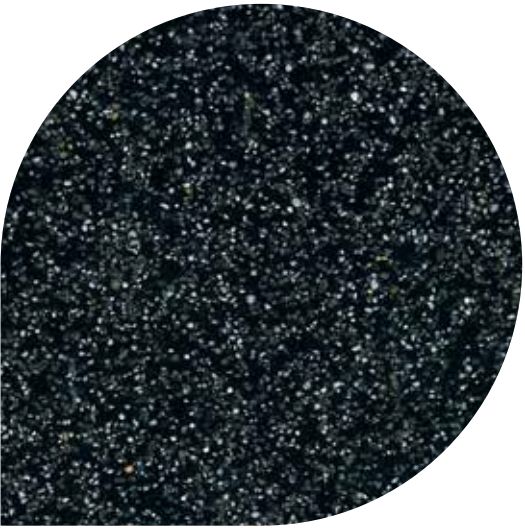
- Altro Walkway 20

Looks great with:

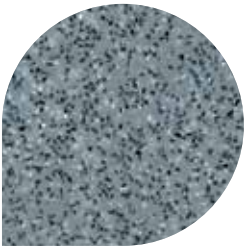
- Altro Whiterock
- Altro Aquarius
- Altro Wood Smooth Acoustic

**Contributes to reducing the environmental impact of your specification:**

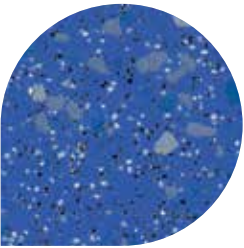
- A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



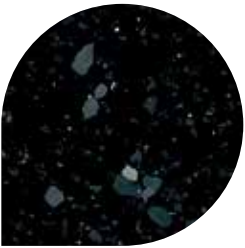
**Black**  
XL22892 LRV: 6  
WR100 / A1M100



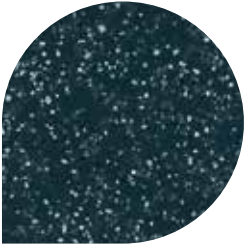
**Fog**  
XL22153 LRV: 27  
WR81 / A1M81



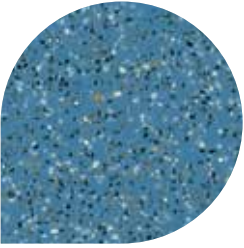
**Lupin**  
XL2259 LRV: 17  
WR286 / A1M286



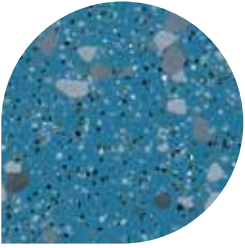
**Coal**  
XLI2258 LRV: 6  
WR100 / A1M100



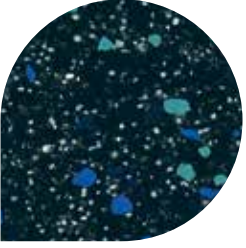
**Midnight**  
XL22421 LRV: 11  
WR72 / A1M72



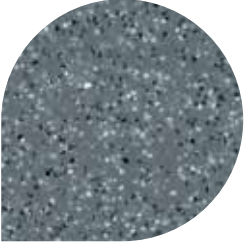
**Blue**  
XL22412 LRV: 22  
WR71 / A1M71



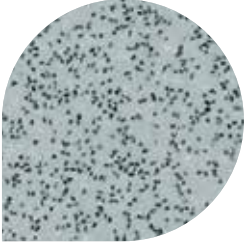
**River**  
XLI2257 LRV: 22  
WR71 / A1M71



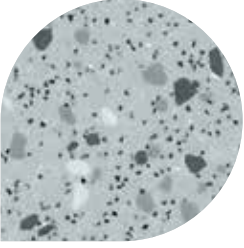
**Nightfall**  
XLI2256 LRV: 10  
WR72 / A1M72



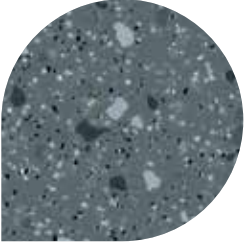
**Dolphin**  
XL2210 LRV: 21  
WR86 / A1M86



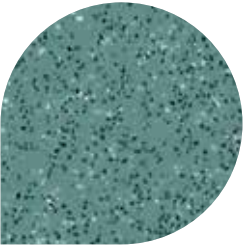
**Cloud**  
XL2214 LRV: 41  
WR79 / A1M191



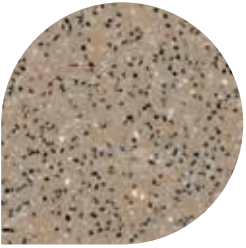
**Blizzard**  
XLI2255 LRV: 44  
WR79 / A1M191



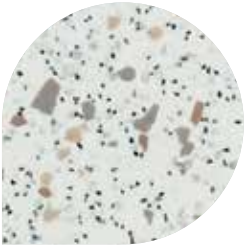
**Whale**  
XLI2254 LRV: 20  
WR86 / A1M86



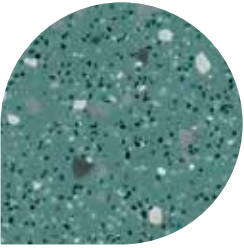
**Skyline**  
XL22332 LRV: 24  
WR52 / A1M52



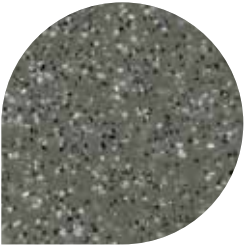
**Biscuit**  
XL22907 LRV: 30  
WR146 / A1M20



**Winter**  
XLI2253 LRV: 61  
WR105 / A1M01



**Tarragon**  
XLI2252 LRV: 26  
WR52 / A1M52



**Tundra**  
XL22910 LRV: 17  
WR153 / A1M239



**i** For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You'll find their product codes under the relevant swatches. Please see product selector on pages 70-71 for full details.

LRV = Light Reflectance Value

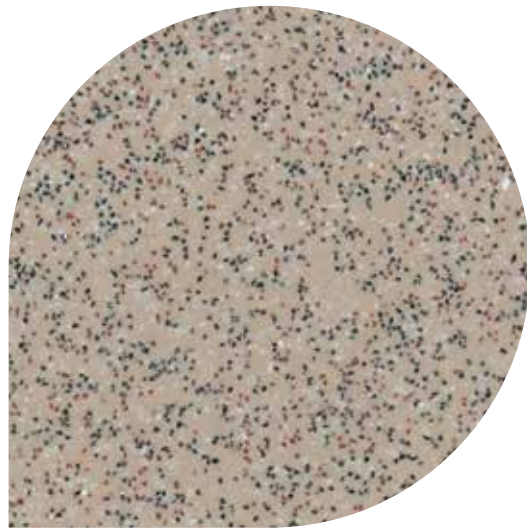
Dimensions	2m x 20m
Format	ROLL
Thickness	2.2mm

**Samples**  
If colour choice is critical, please request a sample of the material.

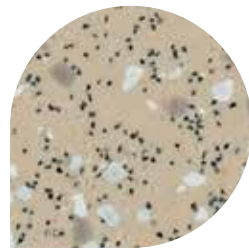
+44 (0) 1462 707 600  
[samples@altro.com](mailto:samples@altro.com)



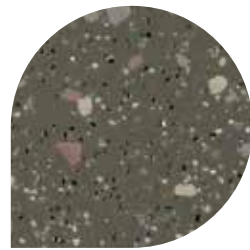




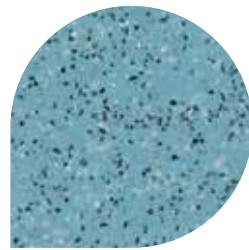
**Bone**  
XL22215 LRV: 37  
WR20 / A1M20



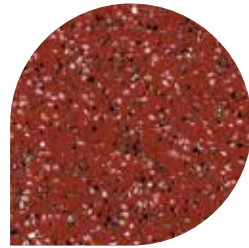
**Sand**  
XL12251 LRV: 40  
WR20 / A1M20



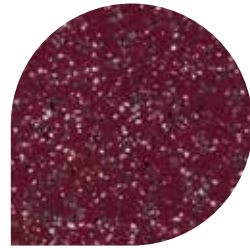
**Savannah**  
XL12250 LRV: 19  
WR153 / A1M239



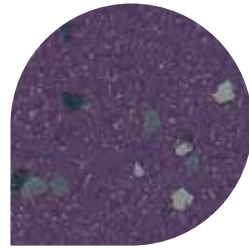
**Waterfall**  
XL22912 LRV: 31  
WR155 / A1M135



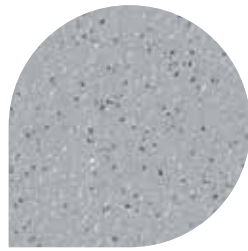
**Tango**  
XL2231 LRV: 14  
WR42 / A1M42



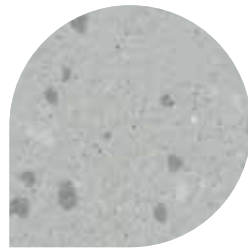
**Cherry**  
XL22920 LRV: 10  
WR148 / A1M148



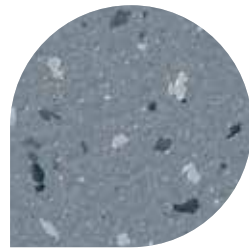
**Silk**  
XL12203P LRV: 10  
WR310 / A1M35



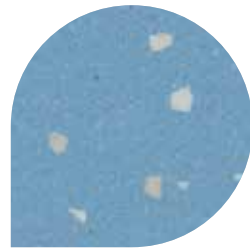
**Temple**  
XL2209P LRV: 27  
WR261 / A1M81



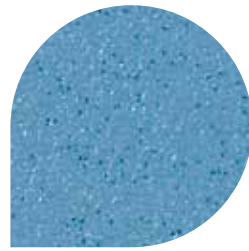
**Streetlight**  
XL12205P LRV: 45  
WR287 / A1M79



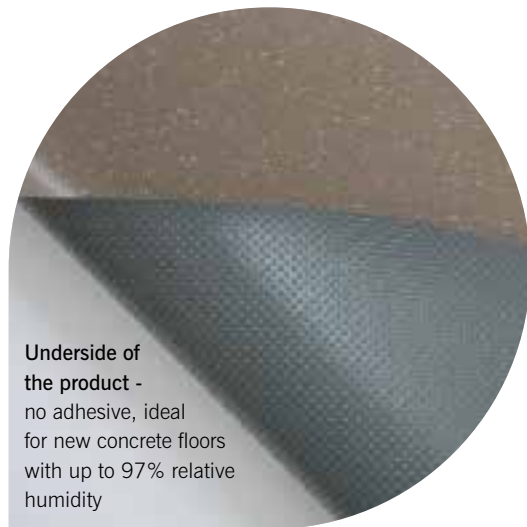
**Rock**  
XL12204P LRV: 23  
WR84 / A1M84



**Fresco**  
XL12217P LRV: 31  
WR309 / A1M309



**Stream**  
XL2201P LRV: 22  
WR288 / A1M71



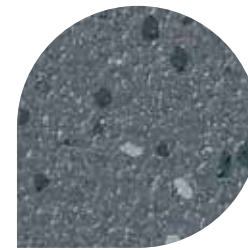
**Underside of the product** -  
no adhesive, ideal  
for new concrete floors  
with up to 97% relative  
humidity



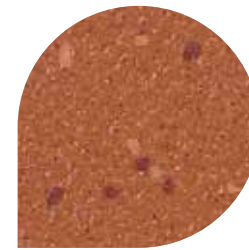
Royal College of Art



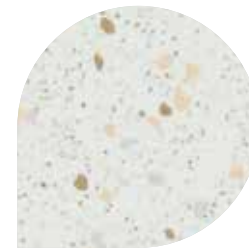
**Runway**  
XL2206P LRV: 9  
WR72 / A1M72



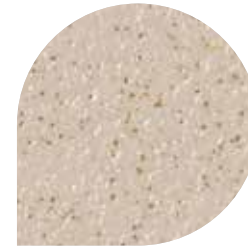
**Pavement**  
XL12207P LRV: 14  
WR83 / A1M83



**Signal**  
XL12216P LRV: 13  
WR300 / A1M42



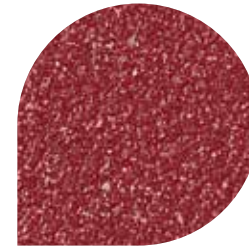
**Swan**  
XL12212P LRV: 75  
WR291 / A1M01



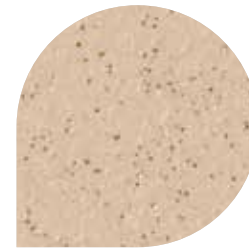
**Minster**  
XL2218P LRV: 40  
WR289 / A1M265



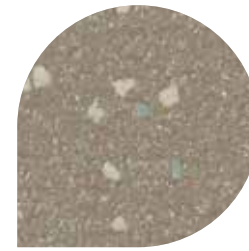
**Pitch**  
XL2220P LRV: 5  
WR277 / A1M100



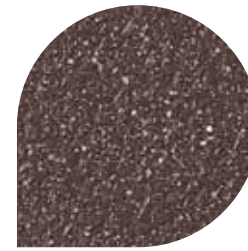
**Forge**  
XL2215P LRV: 9  
WR248 / A1M238



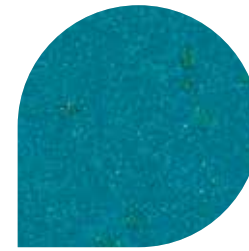
**Arena**  
XL2219P LRV: 41  
WR297 / A1M20



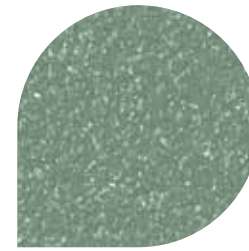
**Monument**  
XL12208P LRV: 23  
WR305 / A1M239



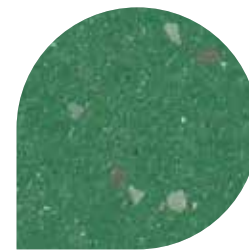
**Gallery**  
XL2211P LRV: 10  
WR62 / A1M62



**Mallard**  
XL12213P LRV: 13  
WR302 / A1M302



**Roof Garden**  
XL2200P LRV: 23  
WR262 / A1M154



**Gecko**  
XL12202P LRV: 18  
WR308 / A1M308



We strongly recommend carrying out a risk assessment in any area in which the installation of safety flooring is considered, focusing on the potential risk posed by contaminants from spillages. See [www.altro.com/safety](http://www.altro.com/safety) for more information.



Matches:

- Altro Walkway 20

Looks great with:

- Altro Whiterock
- Altro Aquarius
- Altro Wood Smooth Acoustic



Contributes to reducing the environmental impact of your specification:

- A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



EN14041  
Manufactured by:  
Altro Ltd, Works Road  
Letchworth Garden City  
SG6 1NW  
United Kingdom



For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You'll find their product codes under the relevant swatches.

Please see product selector on pages 70-71 for full details.

LRV = Light Reflectance Value

Dimensions  
**2m x 20m**

Format  
**ROLL**

Thickness  
**2.2mm**



**Samples**

If colour choice is critical, please request a sample of the material.

+44 (0) 1462 707 600  
[samples@altro.com](mailto:samples@altro.com)







Sure Start

# Altro Impressionist™ II

Typical applications:  
**A versatile product. Please check with us for guidance with your specific project requirements.**

One of our first decorative safety floorings, Altro Impressionist II features coloured chips set in a complementary background to give you more scope for coordination with your wall cladding and other fittings.

These coloured chips are fused to the main body of the flooring for durability and appearance retention. Altro Impressionist II also provides excellent chemical resistance.

Altro Easyclean™ Original Technology is included to make cleaning and maintenance easy.

For specialist locations such as kitchens, canteens and food preparation areas, where grease, oils or fats may be present, we recommend Altro Stronghold 30. For bathrooms and wet rooms we recommend Altro Aquarius.

**!** We strongly recommend carrying out a risk assessment in any area in which the installation of safety flooring is considered, focusing on the potential risk posed by contaminants from spillages.  
See [www.altro.com/safety](http://www.altro.com/safety) for more information.

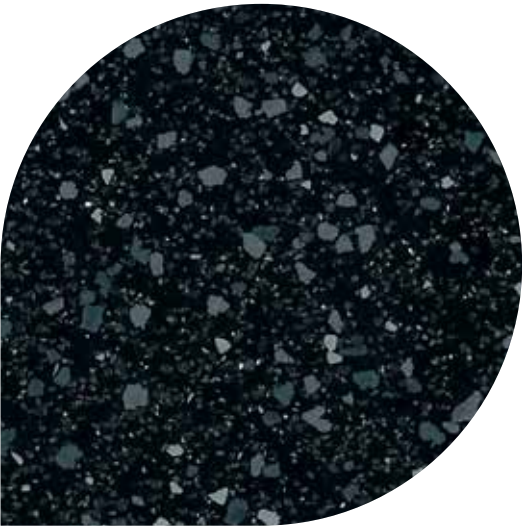
**!** Contributes to reducing the environmental impact of your specification:  
• A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



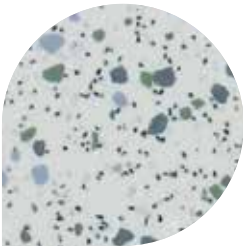
**i** For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You'll find their product codes under the relevant swatches.  
Please see product selector on pages 70-71 for full details.  
**LRV = Light Reflectance Value**

Dimensions 2m x 20m
Format <b>ROLL</b>
Thickness 2mm

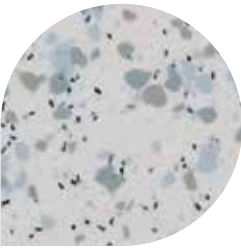
**Samples**  
If colour choice is critical, please request a sample of the material.  
**+44 (0) 1462 707 600**  
**[samples@altro.com](mailto:samples@altro.com)**



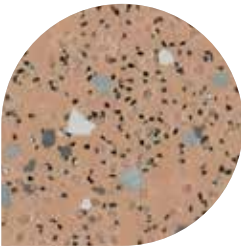
**Ebony**  
IP2001 **LRV: 6**  
WR100 / A1M100



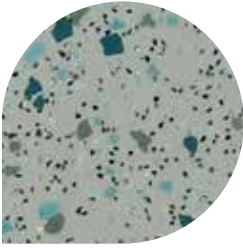
**Oasis**  
IP2011 **LRV: 49**  
WR136 / A1M136



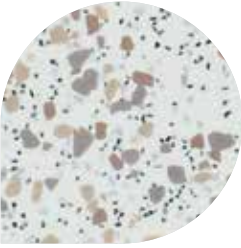
**Arctic**  
IP2012 **LRV: 49**  
WR11 / A1M11



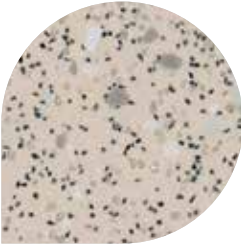
**Adobe**  
IP2008 **LRV: 32**  
WR24 / A1M27



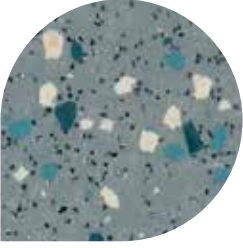
**Zen**  
IP2015 **LRV: 34**  
WR137 / A1M137



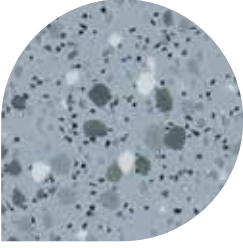
**Stucco**  
IP2013 **LRV: 61**  
WR105 / A1M1



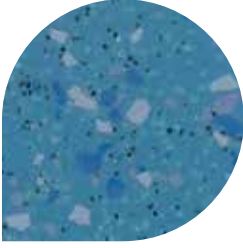
**Canvas**  
IP2009 **LRV: 48**  
WR12 / A1M12



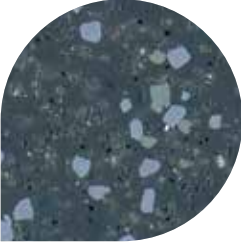
**Ore**  
IP2004 **LRV: 26**  
WR81 / A1M81



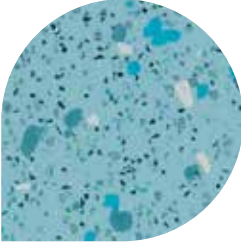
**Lunar**  
IP2005 **LRV: 36**  
WR85 / A1M85



**Tranquil**  
IP2017 **LRV: 21**  
WR71 / A1M71



**Mineral**  
IP2003 **LRV: 14**  
WR83 / A1M83



**Aqua**  
IP2018 **LRV: 38**  
WR135 / A1M135





Dunfermline High School

# Altro Suprema™ II

Patent number GB 2 462 167

Typical applications:  
**Indoor public spaces which are mainly subjected to foot (not wheeled) traffic, including lobbies, entrance areas, corridors.**  
**Classrooms (for labs and CDT areas, see Altro Walkway 20 SD and Altro Classic 25)**  
**Hospital wards and corridors.**

Looking for that designer feel in a safety floor? Look no further than Altro Suprema II - a stunning, non-sparkle safety flooring that gives you complete design freedom. From subtle grey to vivid orange, one of the range's 40 shades will match the mood you want to create.

Design-led Altro Suprema II has been developed in consultation with colour consultants, architects and end users to reflect design requirements and interior trends.

For specialist locations such as kitchens, canteens and food preparation areas, where grease, oils or fats may be present, we recommend Altro Stronghold 30. For bathrooms and wet rooms we recommend Altro Aquarius.

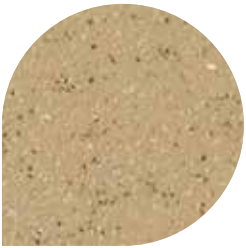
**!** We strongly recommend carrying out a risk assessment in any area in which the installation of safety flooring is considered, focusing on the potential risk posed by contaminants from spillages.  
See [www.altro.com/safety](http://www.altro.com/safety) for more information.

**!** Looks great with:

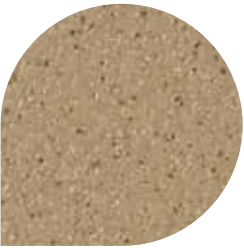
- **Altro Whiterock White**
- **Altro Whiterock Chameleon**
- **Altro Whiterock Digiclad**
- **Altro Aquarius**
- **Altro Unity 25**

**!** Contributes to reducing the environmental impact of your specification:

- A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



**Wheat**  
SU2051 LRV: 36  
WR281 / A1M225

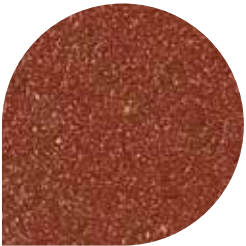


**Prairie**  
SU2044 LRV: 31  
WR279 / A1M20

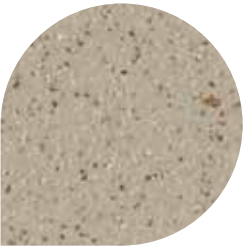


**Loam**  
SU2047 LRV: 8  
WR260 / A1M260

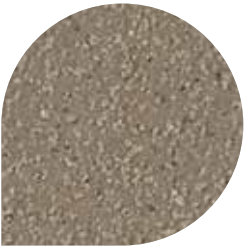
**Parchment**  
SU2041 LRV: 45  
WR267 / A1M20



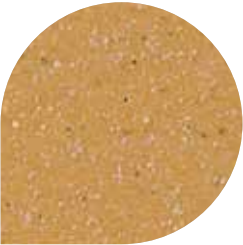
**Paprika**  
SU2043 LRV: 13  
WR278 / A1M142



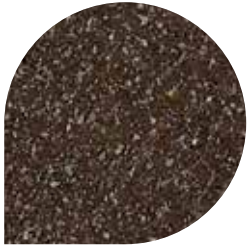
**Oatmeal**  
SU2046 LRV: 38  
WR265 / A1M265



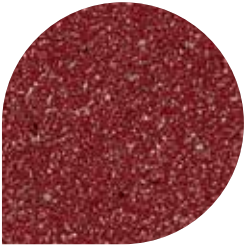
**Taupe**  
SU2040 LRV: 23  
WR282 / A1M239



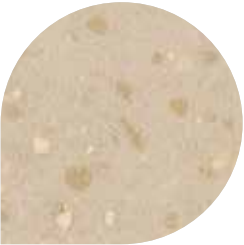
**Honey**  
SU2053 LRV: 32  
WR152 / A1M152



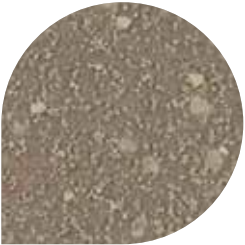
**Cocoa**  
SU2060 LRV: 10  
WR62 / A1M62



**Poppy**  
SU2045 LRV: 10  
WR280 / A1M238



**Calico**  
SUI2069 LRV: 52  
WR283 / A1M20



**Earth**  
SUI2066 LRV: 23  
WR282 / A1M239



**Owl**  
SUI2068 LRV: 40  
WR20 / A1M20



**Sugar**  
SU2042 LRV: 65  
WR284 / A1M01



**Cotton**  
SUI2071 LRV: 65  
WR284 / A1M01



**i** For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You'll find their product codes under the relevant swatches.  
Please see product selector on pages 70-71 for full details.

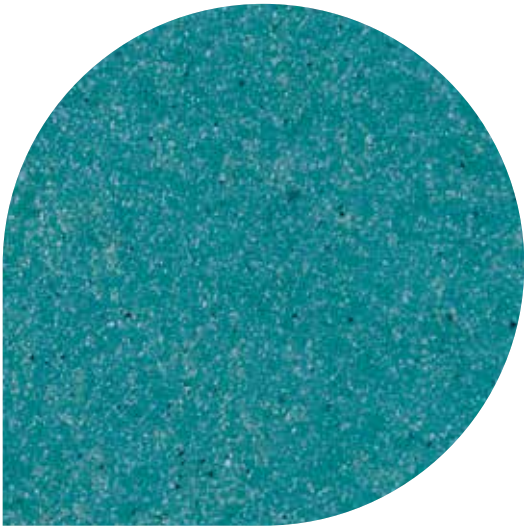
LRV = Light Reflectance Value

Dimensions 2m x 20m
Format ROLL
Thickness 2mm

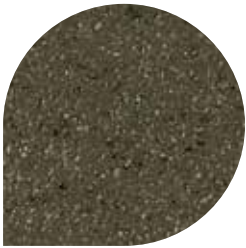
**!** **Samples**  
If colour choice is critical, please request a sample of the material.  
**+44 (0) 1462 707 600**  
**samples@altro.com**



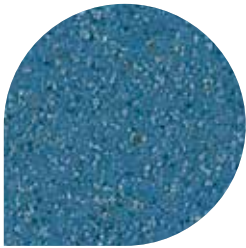




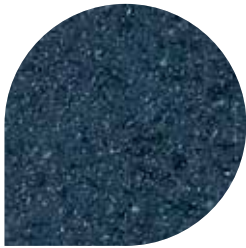
**Aegean**  
SU2057 LRV: 23  
WR270 / A1M56



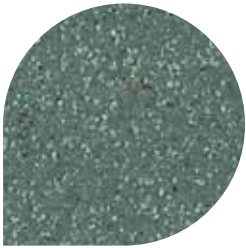
**Olive**  
SU2048 LRV: 14  
WR263 / A1M89



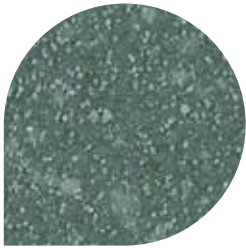
**Caspian**  
SU2038 LRV: 18  
WR194 / A1M71



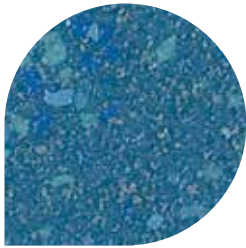
**Bluebird**  
SU2037 LRV: 10  
WR231 / A1M73



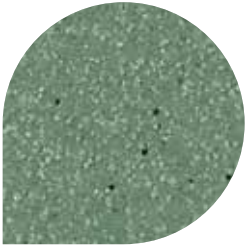
**Vine**  
SU2035 LRV: 20  
WR233 / A1M233



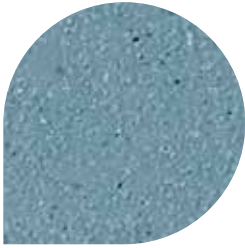
**Meadow**  
SUI2072 LRV: 21  
WR233 / A1M233



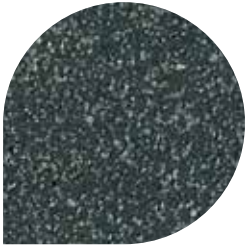
**Bluewater**  
SUI2073 LRV: 17  
WR194 / A1M71



**Fennel**  
SU2049 LRV: 25  
WR262 / A1M154



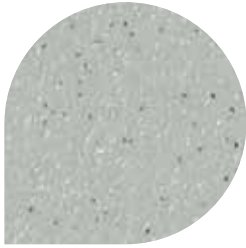
**Bubble**  
SU2039 LRV: 34  
WR285 / A1M203



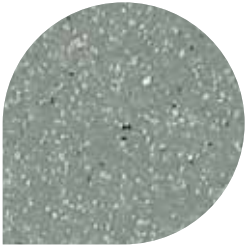
**Flint**  
SU2034 LRV: 13  
WR82 / A1M82



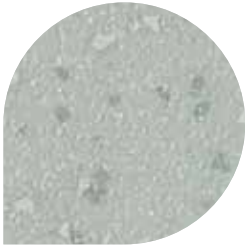
**Lava**  
SUI2070 LRV: 8  
WR260 / A1M260



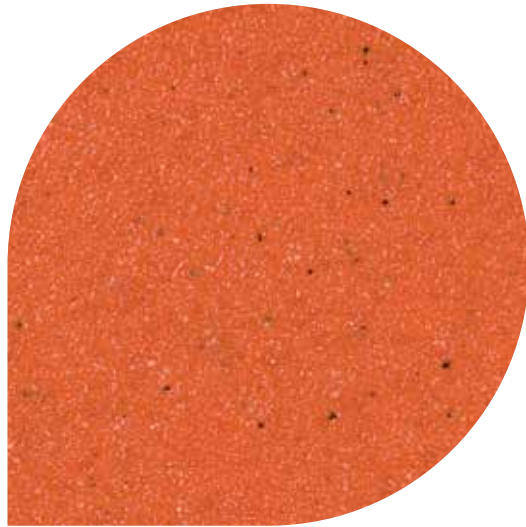
**Dew**  
SU2036 LRV: 45  
WR191 / A1M191



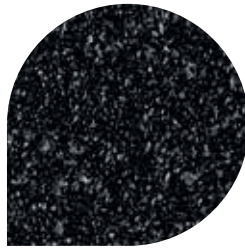
**Wolf**  
SU2050 LRV: 29  
WR261 / A1M81



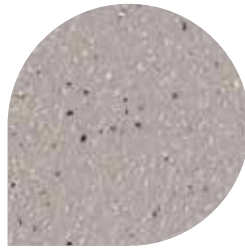
**Moon**  
SUI2065 LRV: 44  
WR191 / A1M191



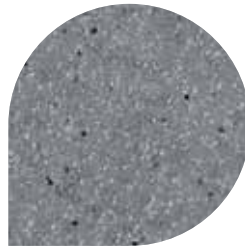
**Tangerine**  
SU2052 LRV: 20  
WR273 / A1M273



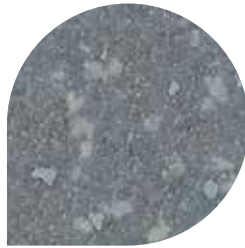
**Raven**  
SU2054 LRV: 7  
WR277 / A1M100



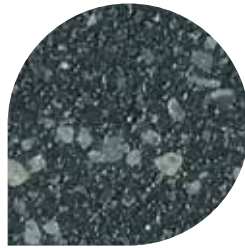
**Shell**  
SU2055 LRV: 39  
WR268 / A1M79



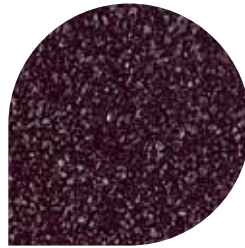
**Shadow**  
SU2056 LRV: 24  
WR269 / A1M84



**Platinum**  
SUI2064 LRV: 24  
WR201 / A1M84



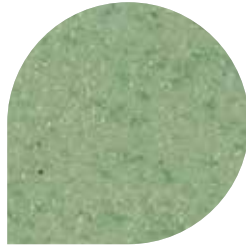
**Fossil**  
SUI2067 LRV: 12  
WR232 / A1M82



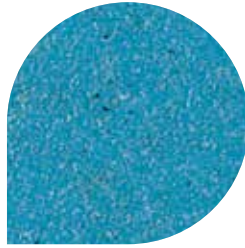
**Berry**  
SU2059 LRV: 8  
WR275 / A1M44



**Grape**  
SU2058 LRV: 7  
WR274 / A1M34



**Melon**  
SU2061 LRV: 33  
WR271 / A1M271



**Malibu**  
SU2062 LRV: 26  
WR272 / A1M272



**Flamingo**  
SU2063 LRV: 16  
WR276 / A1M276



Aberdeen Royal Infirmary Emergency Care Centre

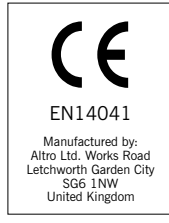
**!** We strongly recommend carrying out a risk assessment in any area in which the installation of safety flooring is considered, focusing on the potential risk posed by contaminants from spillages. See [www.altro.com/safety](http://www.altro.com/safety) for more information.

**!** Looks great with:

- **Altro Whiterock White**
- **Altro Whiterock Chameleon**
- **Altro Whiterock Digiclad**
- **Altro Aquarius**
- **Altro Unity 25**

**!** Contributes to reducing the environmental impact of your specification:

- A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



**i** For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You'll find their product codes under the relevant swatches. Please see product selector on pages 70-71 for full details.

LRV = Light Reflectance Value

Dimensions 2m x 20m
Format <b>ROLL</b>
Thickness 2mm

**!** **Samples**  
If colour choice is critical, please request a sample of the material.

+44 (0) 1462 707 600  
[samples@altro.com](mailto:samples@altro.com)







Green Pastures Care Home

# Altro Wood Safety™

Patent number GB 2 462 167

Typical applications:

**Public spaces which are mainly subject to foot traffic, such as entrance areas, care home corridors, school corridors. Student accommodation.**

When you want to create a homely, comforting and familiar look but you don't want to compromise on safety, Altro Wood Safety is ideal. The range offers 16 wood-look designs, including classic, contemporary classic and on-trend – so you can vary the mood from cool and classy to warm and nurturing.

Altro Wood Safety works well with contemporary décor such as metal and glass areas, mood lighting, vibrant colours and monotone themes. It's a great choice if you need to avoid any colour clashes.

The flooring features Altro Easyclean Maxis PUR Technology for long term cleanability and easier maintenance.

For specialist locations such as kitchens, canteens and food preparation areas, where grease, oils or fats may be present, we recommend Altro Stronghold 30. For bathrooms and wet rooms we recommend Altro Aquarius.



Matches:

- Altro Wood Smooth and Altro Wood Smooth Acoustic – see pages 154 – 157



We strongly recommend carrying out a risk assessment in any area in which the installation of safety flooring is considered, focusing on the potential risk posed by contaminants from spillages. See [www.altro.com/safety](http://www.altro.com/safety) for more information.



Looks great with:

- Altro Whiterock White
- Altro Whiterock Satins
- Altro Whiterock Chameleon
- Altro Aquarius
- Altro Wood Smooth
- Altro Wood Smooth Acoustic



Contributes to reducing the environmental impact of your specification:

- A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



EN14041

Manufactured by:  
Altro Ltd, Works Road  
Letchworth Garden City  
SG6 1NW  
United Kingdom



For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You'll find their product codes under the relevant swatches.

Please see product selector on pages 70-71 for full details.

LRV = Light Reflectance Value

Dimensions  
2m x 20m

Format  
**ROLL**

Thickness  
2mm



**Samples**

If colour choice is critical, please request a sample of the material.

+44 (0) 1462 707 600

[samples@altro.com](mailto:samples@altro.com)





# Guide to matching wood flooring

## Altro Wood™ collection

The Altro Wood Collection consists of different types of flooring available in the same designs, enabling you to install them alongside each other without compromising on aesthetics.

The flooring types available for each design are indicated below, with details of matching accessories and Light Reflectance Values (LRVs).

Flooring type guide

Altro Wood Safety™

Altro Wood Smooth™

Altro Wood Smooth Acoustic™

Weld rods / mastics / LRVs



Bleached Oak WSA2001  
White Oak WSM2051

WR335 / A1M335 / LRV 52



Autumn Maple WSA2005  
Light Maple WSM2055

WR339 / A1M339 / LRV 24



Farmhouse Oak WSA2004  
Flaxen Oak WSM2054  
Hush WSMA3781

WR338 / A1M27 / LRV 38



Beech Comber WSA2008  
Warm Beech WSM2058  
Haven WSMA3783

WR342 / A1M224 / LRV 36



Walnut Noir WSA2011  
Mature Walnut WSM2061

WR345 / A1M62 / LRV 6



Century Oak WSA2012  
Mature Oak WSM2062

WR346 / A1M62 / LRV 8



Antique Walnut WSA2007  
Mid Walnut WSM2057  
Lull WSMA3782

WR341 / A1M160 / LRV 15



Heritage Maple WSA2010  
Red Maple WSM2060

WR344 / A1M41 / LRV 10



Vintage Cherry WSA2002  
Pale Cherry WSM2052

WR336 / A1M239 / LRV 22



Urban Cherry WSA2003  
Classic Cherry WSM2053

WR337 / A1M337 / LRV 17



Rustic Oak WSA2006  
Mellow Oak WSM2056

WR340 / A1M340 / LRV 37



Seasoned Cherry WSA2009  
Rich Cherry WSM2059  
Karma WSMA3784

WR343 / A1M246 / LRV 15



Oak Riche WSA2014  
Victorian Oak WSM2070

WR227 / A1M227 / LRV 10



Manor Oak WSA2016  
Black Oak WSM2064

WR348 / A1M200 / LRV 7



Washed Oak WSA2015  
Greyed Oak WSM2063

WR347 / A1M200 / LRV 38



Oak Traditions WSA2013  
Forest Oak WSM2069

WR353 / A1M225 / LRV 25

Light Reflectance Values measured in accordance with BS8493:2008. Exact material match with samples cannot be guaranteed.  
Codes: **WR** = weld rod, **A1M** = mastic, **LRV** = light reflectance value.





Hotel Barcelo

# Altro Stronghold™ 30

Typical applications:  
**Kitchens. Canteens. Food preparation and service areas.**  
**Areas where grease, oils or fats are present.**

Water underfoot is treacherous enough – add grease, oils and fats, and you’ve got a dangerous environment. So, for commercial kitchens, canteens, food preparation and service areas, it’s essential to select flooring that will help catering staff do their job safely.

Altro Stronghold 30 achieves Altro’s highest rating for slip resistance (TRRL≥55, R12) and is designed to minimise risk in wet and greasy conditions for the lifetime of the flooring. As well as helping to keep staff safe from slips, it also helps reduce their fatigue, thanks to its 3mm thickness which provides noise reduction and comfort underfoot.

Altro Stronghold 30 is frequently specified with Altro Whiterock hygienic wall cladding to create safe and hygienic environments in commercial and industrial kitchens.



Radisson Blu Bristol

**!** We strongly recommend carrying out a risk assessment in any area in which the installation of safety flooring is considered, focusing on the potential risk posed by contaminants from spillages. See [www.altro.com/safety](http://www.altro.com/safety) for more information.

**Looks great with:**

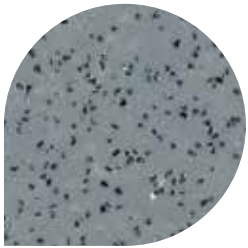
- Altro Whiterock White
- Altro Whiterock Satins
- Altro Classic 25
- Altro resins

**Contributes to reducing the environmental impact of your specification:**

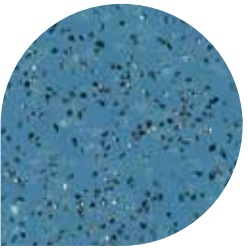
- A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



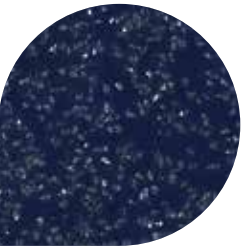
**Abyss**  
K3001 LRV: 7  
WR100 / A1M100



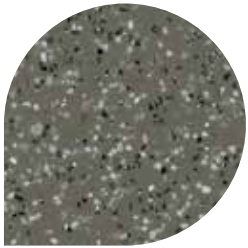
**Monsoon**  
K30153 LRV: 24  
WR81 / A1M81



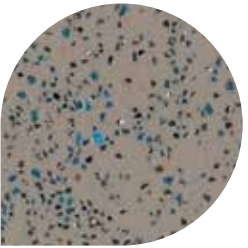
**Surf**  
K30412 LRV: 20  
WR71 / A1M71



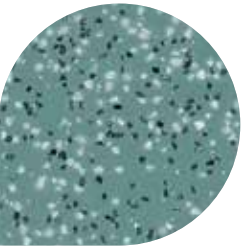
**Lagoon**  
K30910 LRV: 7  
WR39 / A1M34



**Tundra**  
K30500 LRV: 17  
WR153 / A1M239



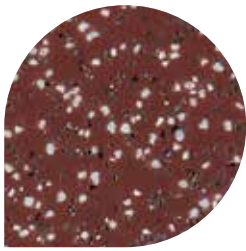
**Camel**  
K3017 LRV: 26  
WR64 / A1M239



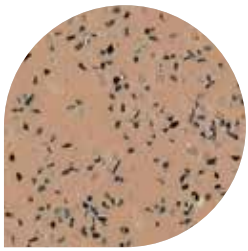
**Skyline**  
K30332 LRV: 24  
WR52 / A1M52



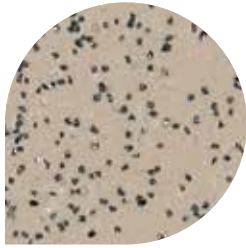
**Velvet**  
K30365 LRV: 8  
WR256 / A1M148



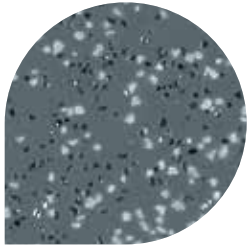
**Russet**  
K30262 LRV: 14  
WR41 / A1M41



**Maple**  
K30522 LRV: 31  
WR24 / A1M27



**Oyster**  
K30215 LRV: 36  
WR20 / A1M20



**Dolphin**  
K3010 LRV: 21  
WR86 / A1M86



**Midnight**  
K30421 LRV: 11  
WR72 / A1M72



**i** For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You’ll find their product codes under the relevant swatches. Please see product selector on pages 70-71 for full details.

LRV = Light Reflectance Value

Dimensions 2m x 15m
Format ROLL
Thickness 3mm

**Samples**  
If colour choice is critical, please request a sample of the material.  
**+44 (0) 1462 707 600**  
**[samples@altro.com](mailto:samples@altro.com)**







Brannel College

# Altro Atlas™ 40

Typical applications:  
**Industrial areas exposed to heavy wheeled traffic such as pallet trucks and occasional forklift traffic (for more intense forklift traffic, an Altro resin is more suitable)**  
**Sports changing rooms where spiked or studded shoes / boots are used.**  
**Mezzanine areas.**

Tough as old boots...and new boots, steel toe-capped work boots and studded football boots. Altro Atlas 40 is our most robust safety flooring, maintaining its integrity even when punctured by studs or spikes. It's well suited to heavy duty industrial use and sports changing rooms.

Hard wearing, stable, and resistant to mechanical damage and chemicals, Altro Atlas 40 provides long term durability and slip resistance, and is easy to clean and maintain.

For specialist locations such as kitchens, canteens and food preparation areas, where grease, oils or fats may be present, we recommend Altro Stronghold 30. For bathrooms and wet rooms we recommend Altro Aquarius.

**!** We strongly recommend carrying out a risk assessment in any area in which the installation of safety flooring is considered, focusing on the potential risk posed by contaminants from spillages.  
See [www.altro.com/safety](http://www.altro.com/safety) for more information.

**Looks great with:**

- **Altro Whiterock White**
- **Altro Whiterock Satins**
- **Altro resins**

**Contributes to reducing the environmental impact of your specification:**

- A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



**i** For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You'll find their product codes under the relevant swatches.  
Please see product selector on pages 70-71 for full details.

LRV = Light Reflectance Value

Dimensions 2m x 12.5m
Format ROLL
Thickness 4mm

**Samples**  
If colour choice is critical, please request a sample of the material.

+44 (0) 1462 707 600  
[samples@altro.com](mailto:samples@altro.com)







Imberhorne School



# Altro Aquarius™

Patent number GB 2 462 167

Typical applications:  
**Bathrooms. Showers. Changing rooms.**  
**Swimming pool surrounds. Saunas.**

You asked – we delivered. Inspired by customer feedback, Altro Aquarius was developed for lasting performance in wet and dry, shoes or barefoot. Achieving a pendulum test value of TRRL ≥50 and Class B to DIN51097 for barefoot use, Altro Aquarius provides optimum lifetime sustained slip-resistance in wet and dry environments. It's a 2mm safety floor that has been extensively tested on a variety of shoe types to ensure top performance in a host of environments – bathrooms, changing areas, hospital wards. Anywhere you can expect a wet and dry floor environment. It's also easy to clean, with Altro Easyclean Maxis PUR technology, meaning it's at the forefront of safety floor cleaning.

No longer do you have to choose between studded or standard safety flooring. With Altro Aquarius you can have it all. Good looks and comfort, without compromising on safety.

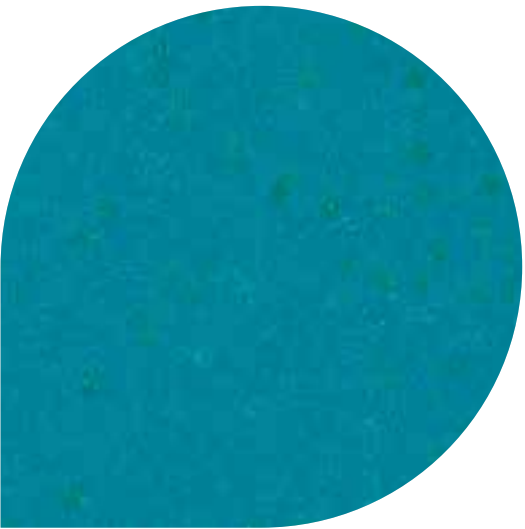
**!** We strongly recommend carrying out a risk assessment in any area in which the installation of safety flooring is considered, focusing on the potential risk posed by contaminants from spillages. See [www.altro.com/safety](http://www.altro.com/safety) for more information.

**!** Looks great with:

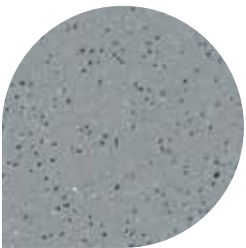
- **Altro Whiterock Satins**
- **Altro Whiterock Chameleon**
- **Altro Suprema II**
- **Altro Walkway 20**

**!** Contributes to reducing the environmental impact of your specification:

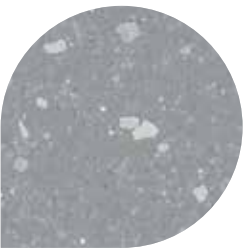
- A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



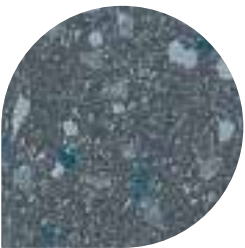
**Mallard**  
AQI2015 LRV: 13  
WR302 / A1M302



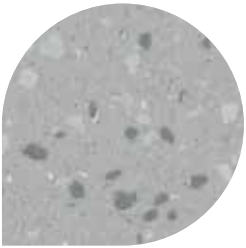
**Walrus**  
AQI2007 LRV: 29  
WR261 / A1M81



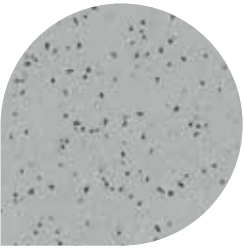
**Tern**  
AQI2008 LRV: 31  
WR261 / A1M81



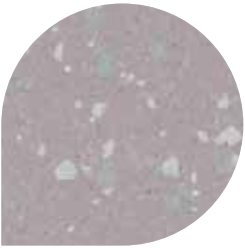
**Hippo**  
AQI2013 LRV: 11  
WR301 / A1M82



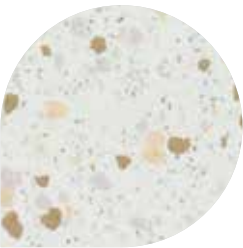
**Puffin**  
AQI2005 LRV: 46  
WR287 / A1M79



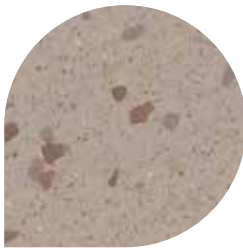
**Cygnet**  
AQI2004 LRV: 46  
WR287 / A1M79



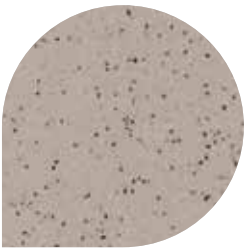
**Salamander**  
AQI2011 LRV: 41  
WR294 / A1M294



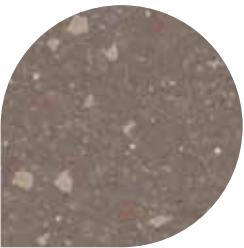
**Swan**  
AQI2012 LRV: 75  
WR291 / A1M01



**Terrapin**  
AQI2009 LRV: 40  
WR289 / A1M265



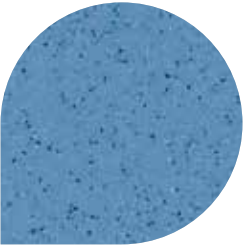
**Vole**  
AQI2010 LRV: 43  
WR289 / A1M265



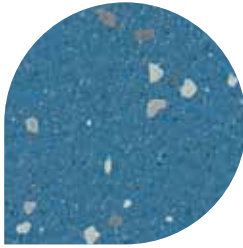
**Otter**  
AQI2006 LRV: 26  
WR290 / A1M239



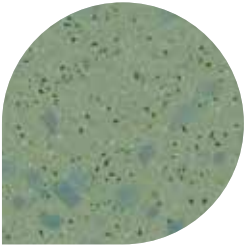
**Spoonbill**  
AQI2016 LRV: 11  
WR303 / A1M303



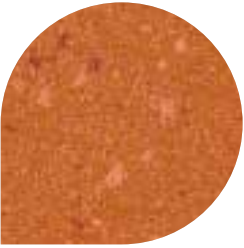
**Dragonfly**  
AQI2001 LRV: 33  
WR292 / A1M292



**Blue Penguin**  
AQI2002 LRV: 24  
WR288 / A1M71



**Treefrog**  
AQI2003 LRV: 33  
WR293 / A1M271



**Coral Crab**  
AQI2014 LRV: 14  
WR300 / A1M42



**i** For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Mastics (A1M)** are available. You'll find their product codes under the relevant swatches. Please see product selector on pages 70-71 for full details.

LRV = Light Reflectance Value



Dimensions 2m x 20m
Format ROLL
Thickness 2.0mm

**!** **Samples**  
If colour choice is critical, please request a sample of the material.  
**+44 (0) 1462 707 600**  
**samples@altro.com**





Dunfermline High School

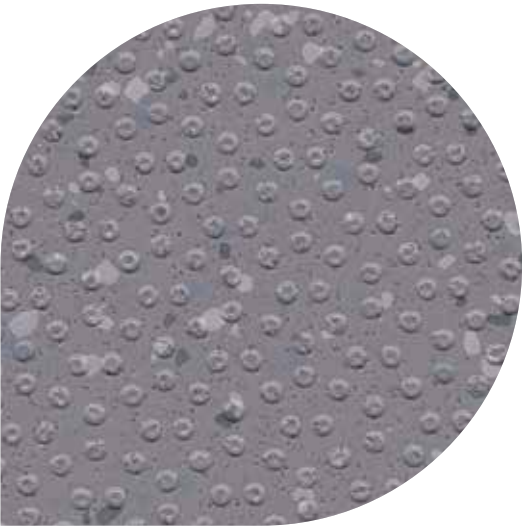
# Altro Marine™ 20

Typical applications:  
**Shower cubicles. Foot wash areas at swimming pools.**

Did you know that dimples can help you stay upright in the shower? Altro Marine 20 has a dimpled surface that's specially designed for bare feet in shower cubicles where you need Class C. It provides excellent slip resistance but still feels comfortable underfoot.

Altro Marine 20's hardwearing construction makes it resistant to most chemicals and indentation, and it's easy to maintain, so it will keep looking good and performing well for longer.

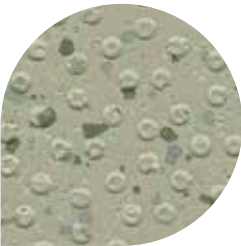
For other wet areas, see Altro Aquarius.



**Shark**  
IPT20812 LRV: 24  
WR201 / A1M84



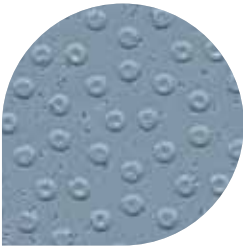
**Gull**  
T20813 LRV: 46  
WR79 / A1M191



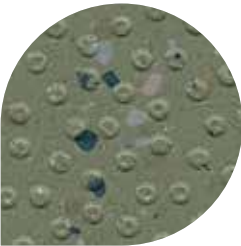
**Seagrass**  
IPT20814 LRV: 37  
WR137 / A1M137



**Cascade**  
IPT20809 LRV: 71  
WR105 / A1M01



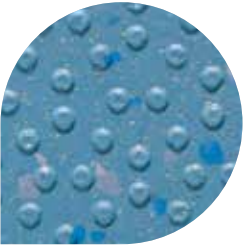
**Marlin**  
T20811 LRV: 34  
WR203 / A1M203



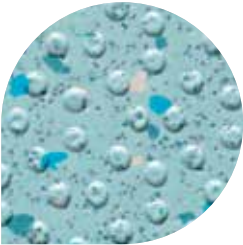
**Fen**  
IPT20815 LRV: 19  
WR242 / A1M242



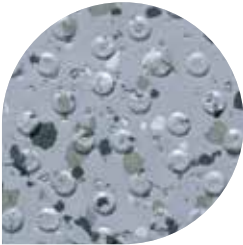
**Reef**  
T20801 LRV: 41  
WR20 / A1M20



**Tide**  
IPT20808 LRV: 21  
WR71 / A1M71



**Rainfall**  
IPT20810 LRV: 43  
WR135 / A1M135



**Steam**  
IPT20807 LRV: 37  
WR85 / A1M85

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**!** Looks great with:

- **Altro Whiterock Satins**
- **Altro Whiterock Chameleon**
- **Altro Whiterock Aquarius**

**!** Contributes to reducing the environmental impact of your specification:

- A+ BRE Generic Green Guide Rating for Safety Flooring, full details available at [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)



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LRV = Light Reflectance Value

Dimensions 2m x 20m
Format <b>ROLL</b>
Thickness 2mm

**!** **Samples**  
If colour choice is critical, please request a sample of the material.

+44 (0) 1462 707 600  
[samples@altro.com](mailto:samples@altro.com)

