

Types of Altro White rock hygienic wall cladding

Classic solution

Altro White rock is the timeless alternative to ceramic tiles for areas where hygiene and durability are paramount – like commercial kitchens, clinical areas, clean rooms and laundries.

Versatile solution

Available in a range of solid, satin-finish shades – from subtle pastels through to vivid brights – Altro White rock Satins can be used where aesthetics are important and you want to create a particular mood. It's ideal for bathrooms, operating theatres, wards and splashbacks.

“Create the right impression with your chosen photographic image or art reproduced onto wall cladding.”

Inspirational solutions

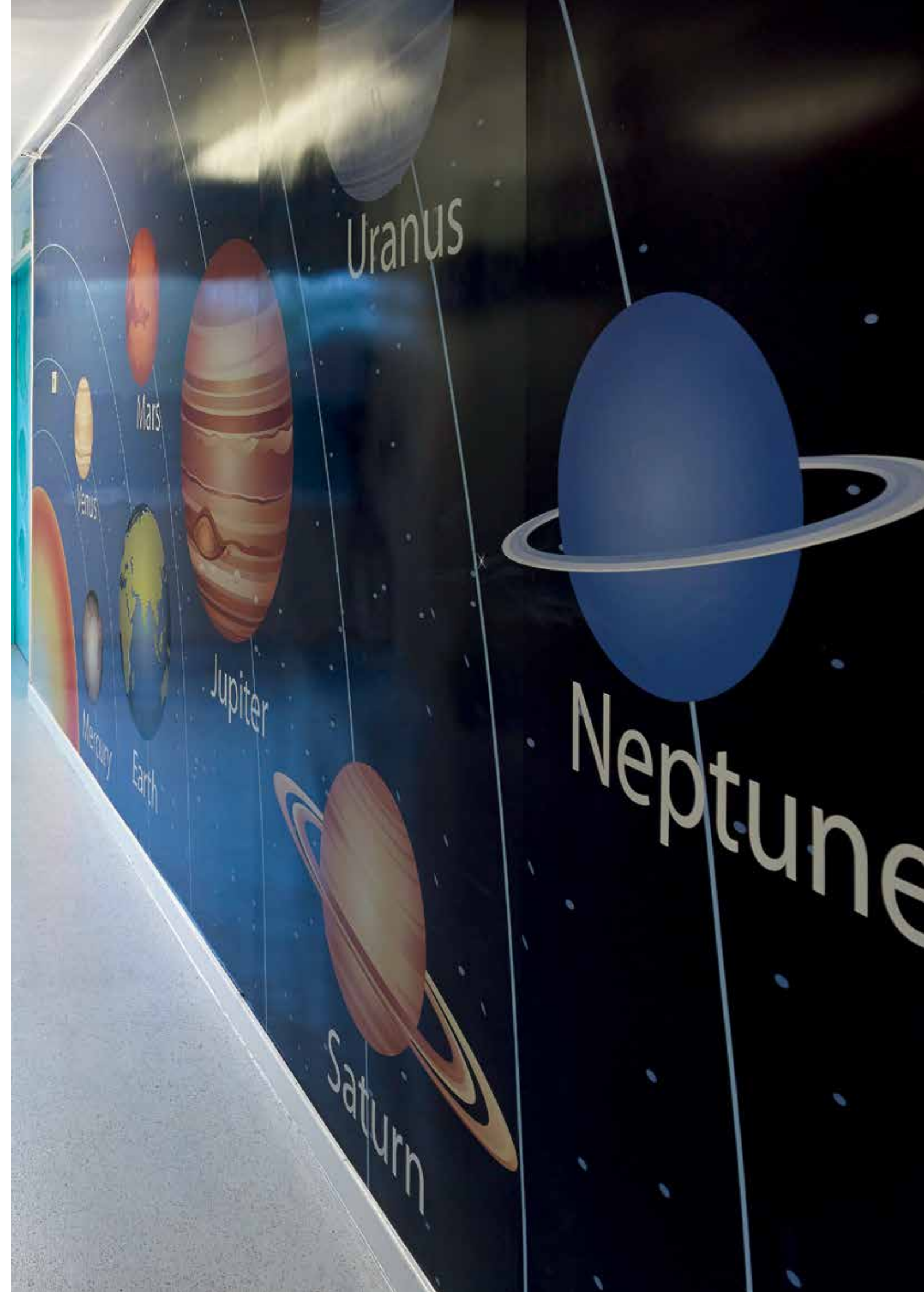
When you want to make a bold statement, choose Altro White rock Chameleon – the glossy, vibrant hygienic wall cladding that adds a touch of luxury to 'high-end' bathrooms, foyers, serveries, retail and splashbacks.

Create the right impression with your chosen photographic image or art reproduced onto wall cladding. From company logos to calming landscapes, Altro White rock Digiclad is a great choice for feature walls in foyers, wards, patient rooms, operating theatres, recovery rooms and coffee shops.

Add the finishing touch to your interior with bespoke Altro Hygienic Doorsets. Available in a wide range of colours, finishes, sizes and configurations, they can be customised to your exact requirements and are ideal for areas where durability and cleanability are key.

Total solution

Need to meet the most rigorous hygiene regulations? Create an impervious, airtight and watertight system with Altro White rock Hygienic Doorsets, Altro White rock hygienic wall cladding and Altro flooring.



Altro Whiterock™ test results

Altro Whiterock hygienic wall cladding						
Technical chart		Altro Whiterock White™	Altro Whiterock Satins™	Altro Whiterock Chameleon™	Altro Whiterock Splashbacks™	Altro Whiterock™ Hygienic Doorsets
Warranty		20	20	20	20	10
Life expectancy		25	25	25	25	25
Surface		Satin	Satin	High Gloss	* dependent on product	* dependent on face product
Thickness		2.5mm	2.5mm	2.5mm	2.5mm	49mm
Weight		3.5kg/m²	3.5kg/m²	3.5kg/m²	* dependent on product	*
Density	ISO 1183	1.39	1.39	1.38-1.42	1.38-1.42	*
Impact resistance	Charpy ISO 179	Good	Good	Good	Good	Excellent
Hygiene		High	High	High	High	High
Ease of cleaning		Easy	Easy	Easy	Easy	Easy
Chemical resistance		High	High	High	High	High
Fire tests	BS476 pt 7	Class 1	Class 1	Class 1	Class 1	*
	BS476 pt 6	Class 0	Class 0	Class 0	Class 0	*
	EN13501	B s3 d0	B s3 d0	B s3 d0	B s3 d0	*
Max service temperature		60°C	60°C	60°C	60°C	60°C
Water absorption	ISO 62	0.09	0.09	0.09	0.09	*
Shore hardness	ISO 868	79	79	85	* dependent on product	*

* Contact Altro for further information



How to order accessories

To order matching sealants and trims simply select from the list below and add the colour reference number, under the swatch shown on each product page:

Altro Whiterock Weldrod - WSR ____

Colour co-ordinated sealant - A805/____

To order white sealant, simply quote A802.

For jointing/transition edging strips, see page 62.

Matching doorsets

Doorsets are available in any Altro Whiterock colour, see pages 63-67.



Augsburg Hospital

Altro Whiterock White™

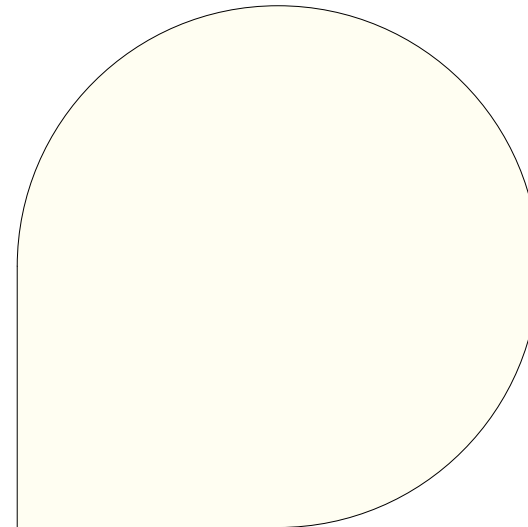
Typical applications:

Kitchens: cold store, cook, chill, food prep.

Clinical areas. Clean rooms. Laundries. Mortuaries.

Thinking of replacing ceramic wall tiles with a proven, high performance option? Consider Altro Whiterock White – the hygienic alternative to tiles that's impact resistant, grout-free and easy to clean. Its smooth white surface and classical purity make it a timeless choice for any interior.

Altro Whiterock White is Hazard Analysis and Critical Control Points (HACCP) approved and is made from a high-quality, food-safe PVCu polymer that can handle temperatures up to 60°C. It meets all current European Union (EU) Directives on health and hygiene. This makes it particularly suitable for use in commercial kitchens.



White
W103 / W104
WSR01

LRV: 89



Looks great with:

- **Altro Stronghold 30**
- **Altro Classic 25**



For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Sealants** are available. See page 51.

LRV = Light Reflectance Value

Dimensions
W103: 2500 x 1220mm
W104: 3000 x 1220mm

Format
SHEET

Thickness
2.5mm



EN15102:2007
Manufactured by:
Altro Ltd, Works Road
Letchworth Garden City
SG6 1NW
United Kingdom





Altro Whiterock Satins™

Typical applications:

Bathrooms, showers and changing areas.
Operating theatres and wards. Splashbacks.

Use colour to subtly create a mood with Altro Whiterock Satins. This versatile and sophisticated wall cladding is available in a range of solid, decorative, satin shades – from soothing and healing through to stimulating.

Of course, Altro Whiterock Satins still provides the impact resistance and hygiene you would expect from Altro Whiterock, with a stain-resistant, wipe-clean surface.

Altro Whiterock Satins can be combined with Altro non-sparkle safety flooring to achieve the required Light Reflectance Value difference needed for the requirements of the Equality Act 2010.

Linen
41
LRV: 83

Oyster
32
LRV: 70

Fawn
206
LRV: 41

Fenland
219
LRV: 13

Daybreak
222
LRV: 69

Cesco
53
LRV: 71

Ice
44
LRV: 80

Dakota
209
LRV: 6

Urban
210
LRV: 28

Echo
208
LRV: 43

Flint
201
LRV: 32

Clarity
207
LRV: 64

Ozone
211
LRV: 10

Seafoam
43
LRV: 81

Mint
203
LRV: 62

Promenade
212
LRV: 32

Vibrance
213
LRV: 22

Malva
57
LRV: 68

Viola
214
LRV: 13

Sorbet
216
LRV: 59

Citron
56
LRV: 80

Glow
215
LRV: 50

Scarlett
221
LRV: 13

Zandra
217
LRV: 24

Bergamot
220
LRV: 26

Olea
218
LRV: 28

- Looks great with:
- Altro Aquarius
 - Altro Unity 25
 - Altro Suprema II
 - Altro Wood Safety
 - Altro Whiterock Digiclad

Please see product selector table on page 50 for full details.



CE

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

i

For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Sealants** are available. See page 51.

LRV = Light Reflectance Value

Dimensions W136: 2500 x 1220mm W137: 3000 x 1220mm
Format SHEET
Thickness 2.5mm

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

☎ +44 (0) 1462 707 600
✉ samples@altro.com



Royal Free Hospital Intensive Care Unit

Altro Whiterock Chameleon™

Typical applications:
**'High end' bathrooms, showers and changing areas.
Foyers. Serveries. Retail. Splashbacks.**

Make a bold statement with Altro Whiterock Chameleon – the glossy, vibrant and vividly colourful wall cladding. Altro Whiterock Chameleon is available in 16 high impact, high-design shades to add a little bit of affordable luxury to a range of environments.

Offering all the benefits of Altro Whiterock, Altro Whiterock Chameleon is very durable, with a smooth, watertight, wipe-clean surface.



Northwick Park Hospital

- Looks great with:
- Altro Aquarius
 - Altro Unity 25
 - Altro Suprema II
 - Altro Wood Safety
 - Altro Whiterock Digidad

Please see product selector table on page 50 for full details.



	Liquorice 6612V LRV: 5	Distant Thunder 6634 LRV: 18	Pure Innocence 6601V LRV: 92	
				Night Fall 6622V LRV: 15
				Hawaiian Palm 6638 LRV: 22

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LRV = Light Reflectance Value

Dimensions W160: 2500 x 1220mm W161: 3000 x 1220mm
Format SHEET
Thickness 2.5mm

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

+44 (0) 1462 707 600
samples@altro.com



University College London Hospital



Promec Dental Bridgnorth

Altro White rock Digiclad™

Typical applications:
Feature walls – foyers and reception areas.
Wards and bedrooms.
Patient rooms. Operating theatres. Recovery rooms.
Coffee shops.

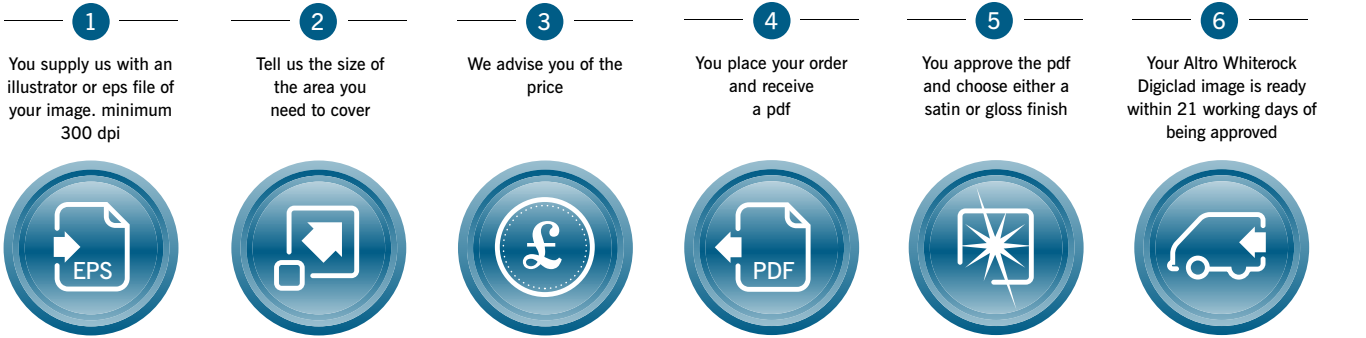
Create the right impression with a bespoke design on your wall. From a calming coastal landscape in a hospital ward to a bold company logo in a reception area, the only limit is your imagination.

Altro White rock Digiclad is created by reproducing a photographic image or vector art onto Altro White rock wall cladding, with consistent, photographic quality. Hard-coat technology provides scratch-resistant properties for added surface protection, making Altro White rock Digiclad ideal for areas where durability is important.



Environmental Excellence Training and Development Ltd

Order in 6 easy steps



Dimensions 2500 x 1220mm 3000 x 1220mm
Format SHEET
Thickness 2.5mm



Environmental Excellence Training and Development Ltd

Altro Whiterock Splashbacks™

Typical applications:
Bathrooms. Hydrotherapy. Spas. Changing rooms. Serveries.

Hygienic, low-maintenance, convenient and easy to install...no wonder Altro Whiterock Splashbacks are such a popular alternative to tiles. They're available as kits in a range of sizes to suit most hand wash basins and vanity units, or custom sized for the perfect fit.

Giving you the flexibility to coordinate or contrast, Altro Whiterock Splashbacks come in a vast array of colours and finishes complemented by colour-matched sealants. Choose from Altro Whiterock Satins or Altro Whiterock Chameleon ranges, pick your size, and away you go.

Standard sizes:
Ref SB10/..... 500 x 305
Ref SB8/..... 625 x 305
Ref SB6/..... 833 x 305
Ref SB9/..... 500 x 610
Ref SB7/..... 625 x 610
Ref SB4/..... 1250 x 305
Ref SB5/..... 833 x 610
Ref SB14/..... 1220 x 500
Ref SB13/..... 1220 x 625
Ref SB2/..... 2500 x 305
Ref SB3/..... 1250 x 610
Ref SB12/..... 1220 x 833
Ref SB11/..... 1250 x 1220
Ref SB1/..... 2500 x 610

Dimensions Cut size only, in mm
Format SHEET
Thickness 2.5mm



Moulin Rouge

6618V

LRV: 12

Liquorice

6612V

LRV: 5

Distant Thunder

6634

LRV: 18

Pure Innocence

6601V

LRV: 92

Night Fall

6622V

LRV: 15

Slip Stream

6611V

LRV: 36

Sheer Glass

6609V

LRV: 40

Taxi Cab

6636

LRV: 51

Eau De Chic

6605V

LRV: 51

Ocean Deep

6637

LRV: 6

Feng Shui

6617V

LRV: 9

Shocking Pink

6616V

LRV: 15

Hawaiian Palm

6638

LRV: 22

Ice Queen

6629V

LRV: 36

Key Lime

6635

LRV: 50

Juicy Lucy

6620V

LRV: 20

Also available in
Altro Whiterock Satins,
for colours see
pages 54-55.

CE

EN15102:2007

Manufactured by:
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SG6 1NW
United Kingdom

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For a co-ordinated appearance, colour
matched **Weldrods (WR)** and **Sealants**
are available. See page 51.

LRV = Light Reflectance Value

Looks great with:

- Altro Whiterock range
and Altro safety flooring,
especially Altro Aquarius

Please see product selector
table on page 50 for full details.

Samples

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

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samples@altro.com



Jointing

Joints and junctions are a key part of system integrity. There are two really popular ways of creating junctions between your wall cladding and flooring. One is the overlap method, where the wall cladding overlaps the flooring and the junction is sealed with mastic. The other is the transition strip method.

When you install wall cladding, smooth, secure joints make cleaning easier and help stop dirt, moisture, bacteria or vermin from settling. Altro hygienic wall cladding can be secured using one of four different types of joint:

1. **Welded:** the most hygienic joint, it's flush to the surface, and the only one suitable for clean rooms and operating theatres. It's also suitable for general hospital use and kitchens.
2. **Single-part:** used for safety reasons, it's ideal for secure units as it can't be pulled off.
3. **Two-part:** the quickest and easiest joint to fit, it's aesthetically pleasing and forgiving on an uneven surface. Often used in kitchens, it can be used almost anywhere except specialist clean areas and secure units.
4. **Altro Whiterock FlexiJoint:** a slim, aesthetically-pleasing joint unique to Altro and available in pre-cut lengths. It can be used nearly everywhere apart from specialist clean areas and secure units.



Samples

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

+44 (0) 1462 707 600

samples@altro.com



Birmingham Care Home

Altro Whiterock™ hygienic doorsets

Typical applications:

Operating theatres. Pharmacies. Kitchens. Corridors. Labs.

In areas where hygiene is crucial, or where doors take a lot of abuse, Altro Whiterock Hygienic Doorsets are the answer. Faced with PVCu, they're not only tough and impact-deflective, but also hygienic and low maintenance.

Altro Whiterock Hygienic Doorsets are custom-made to meet your needs, and can be designed for use on their own or as part of a complete Altro system including hygienic wall cladding and flooring. They're available in colours that can complement your decor or create contrast to aid with wayfinding.

Please see product selector table on page 50 for full details.



Looks great with:

- Altro Whiterock White / Altro Whiterock Satins / Altro Whiterock Chameleon / Altro Whiterock Digiclad
- Altro Unity 25
- Altro Designer 25
- Altro Stronghold 30



Samples

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Altro Whiterock hygienic doorset overview



- Bespoke service to meet different size and specification requirements
- Faced with 2.5mm EU grade Altro Whiterock PVCu to both sides and all edges
- Available in a range of colours to help comply with the Equality Act 2010 requirements
- Leading edges thermoformed for smooth round corner finish
- Hard-wearing, impact resistant, wipe clean finish
- Impervious surface helps prevent bacteria and dirt ingress
- Solid core doors, 49mm thick as standard. Altro Whiterock doorsets have been tested to BS 476 Part 22: 1987 Clause 7 and have been assessed to meet 30 and 60 minute fire resistance integrity and insulation
- Stainless steel hinges with Class 8 fire rating, PVCu encapsulated handles as standard
- Glazed vision panels, push plates, rubbing rails, kicker plates and ironmongery as required
- Matching PVCu frame linings and plastic stops made to measure for existing openings

Door types

When choosing your doorset, there are a few things to consider. First, what format do you need? Our doorsets are available in a range of standard sizes and formats, and you can also choose from bespoke sizes in single, leaf and a half, double and double action configurations.

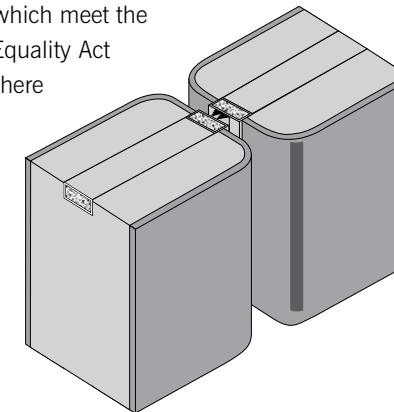
Next, you'll need to consider factors such as your vision panel, ease of installation, fire resistance (none, 30-minute or 60-minute), smoke control and acoustics (none or 29 RwdB).

Doorsets can be ordered in any Altro Whiterock colour, so you can coordinate or contrast.

Whatever your specific requirements, we can customise our doorsets to meet them. And because Altro Whiterock Hygienic Doorsets come as a complete set, the technical performance and integrity of your installation are assured.

Seals

Altro Whiterock fire-rated doorsets are tested to BS476 part 22 and are fitted with intumescent seals, which further enhance the overall high quality construction of the doorset to provide increased fire protection. Alternative seals are available in a variety of forms to combat smoke, sound and air transfer. We can also fit wider seals in contrasting colours, which meet the requirements of the Equality Act 2010 in situations where doors are normally held open.



Coloured doorsets are available in any Altro Whiterock White (pages 52-53) Altro Whiterock Chameleon (pages 56-57) or Altro Whiterock Satins (pages 54-55) colours.



Ironmongery

A range of standard ironmongery sets are available for Altro Whiterock hygienic doorsets. You can either choose between factory fitted sets or specify ironmongery that's particularly suitable for your requirements.

Hinges

All doorsets are supplied pre-hung with heavy duty satin washed stainless steel hinges as standard.

Kickplates

Surface mounted stainless steel kickplates are optional and are used to protect the door from day-to-day wear and tear.

Locks, latches and flushbolts

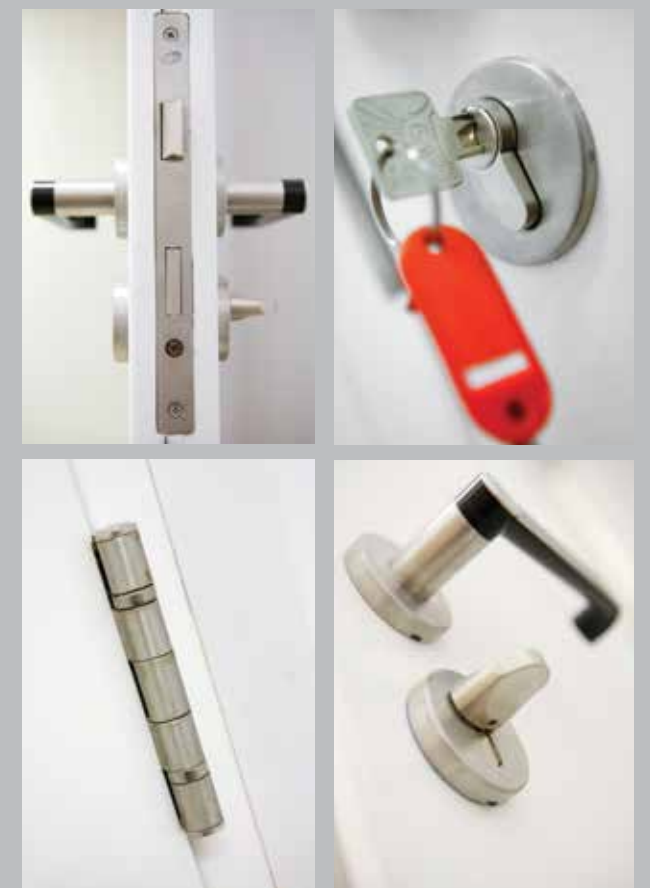
Doors are supplied with housings for either Altro standard or your own specified ironmongery.

Projecting hardware eg handles and door closers

Standard range available or as specified, packed separately from doorsets for installation on site.

Anti-ligature

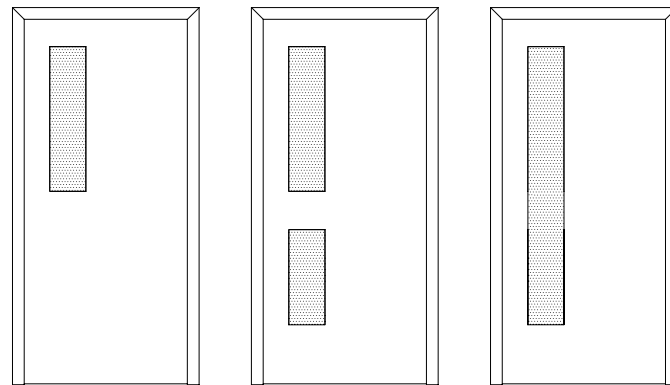
Doorsets can be manufactured to meet specified anti-ligature requirements. Please contact Altro for further information.



Vision panels

In many applications the vision panel is a key feature of the door and the Altro range has a wide selection to choose from. Standard designs are pictured below.

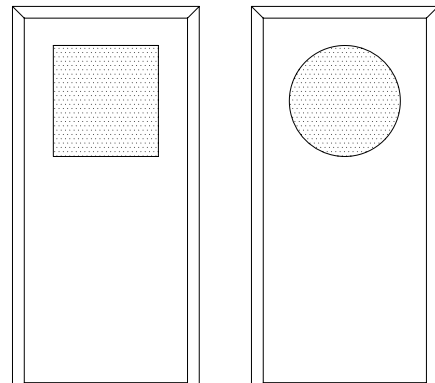
Bespoke designs can also be catered for.



ALVP1

ALVP2*

ALVP3*

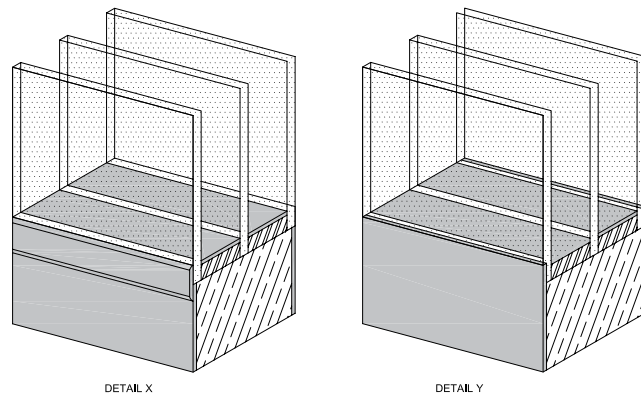


ALVP4

ALVP5

* complies with building regulations part M and BS8300

Vision panels can be glazed as per our 2 standard glazing systems indicated below. Alternatively vision panels can be supplied with internal blinds or louvres if privacy is required. Bespoke glazing is also available, discuss your requirements with Altro direct.



DETAIL X

DETAIL Y

Flush glazed doors are supplied with two acrylic glazing panels. A central glass pane is incorporated in fire rated doors.



Frames

Door frames are available in a variety of forms. All are manufactured with ease of cleaning and hygiene in mind with fewer areas for dirt and contaminants to gather.

Detail frame A

1 piece door frame - Frames can be made to suit the wall thickness enabling them to fit flush with the wall surfaces.

Note: tight construction tolerance is required with regard to vertical alignment of walls if this detail is chosen. Abutments are to be sealed with Altro silicone sealant, or architraves can be used (see Detail D). Alternatively fit the edge of the frame back from the face of the wall min 10mm to form, reveal and seal the abutment (see Detail F).

Detail frame B

1 piece overlapping frame - The frame is manufactured wider than the wall thickness. Altro Whiterock is wrapped around the back to encapsulate the frame and will accommodate greater construction tolerances with regard to vertical wall alignment.

Detail frame C

1 piece rebated frame overlapping one side - The design of this door frame is such that it is manufactured 20mm wider than the thickness of the wall it is being installed into, thereby enabling the frame to be installed prior to the Altro Whiterock wall cladding, enabling a more accurate abutment. It also eliminates the requirement for architraves to one side and will accommodate a wider tolerance in the wall construction.

The rebated frame provides closing to one side, with no architraves. Architraves or sealant are required to close out the opposite side.

Detail frame D

Frame Detail A with architraves.

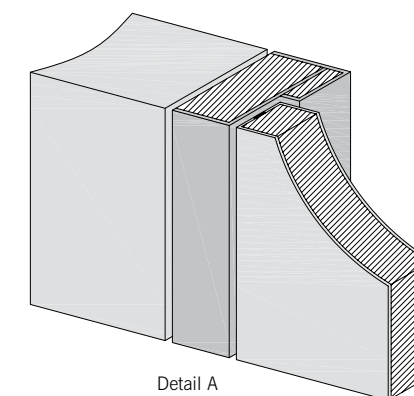
Detail frame E

Double action doorset hung in an overlapping frame.

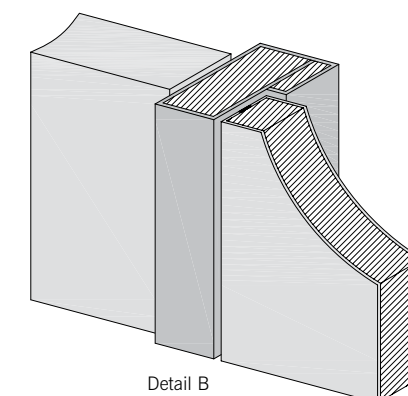
Detail frame F

Frame Detail F is set back from the face of the wall to form a reveal which accommodates greater construction tolerance with regard to vertical wall alignment.

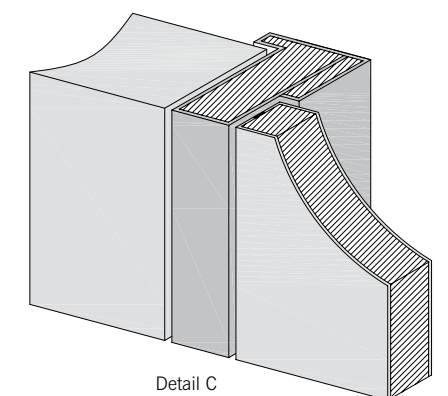
Note: all doorsets will be manufactured to suit structural opening dimensions, the overall frame will be 10mm less than the opening width and min 5mm less than the opening height.



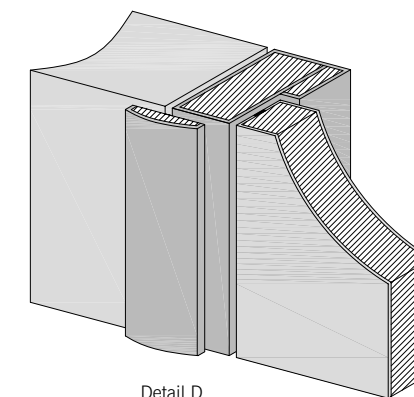
Detail A



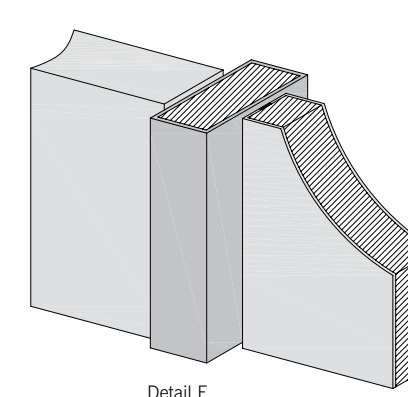
Detail B



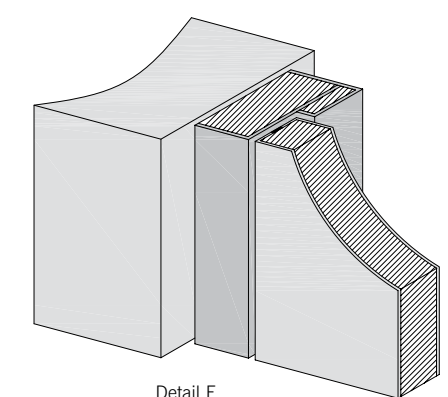
Detail C



Detail D



Detail E



Detail F