

# INNOVATIVE LVT SYSTEMS.

FOR SUPERIOR INSTALLATIONS.



# SUPERIOR SYSTEMS FOR EVERY SITUATION.

When it comes to luxury vinyl tiles (LVT), UZIN has pioneered proven systems for over 20 years. UZIN now has a complete range of systems, which offers the best solutions for every scenario. Whether renovating, applying over a dry or damp substrate, installing in areas subject to high temperatures or fitting click or loose lay LVT then UZIN have a system. This brochure details each UZIN system as well as providing advice regarding subfloor preparation and LVT installation.

UZIN have also introduced new innovations, such as the switchTec® adhesive tape for quick and easy LVT installation and removal. To complement our LVT systems, machines and special tools from WOLFF have been included as well as the cleaning and maintenance products from UZIN Care. This rounds off the LVT product portfolio for perfect LVT installations.

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# LVT ADHESIVES

## INNOVATION

UZIN has developed a leading range of LVT adhesives which are extremely reliable yet are simple and easy to use. Installing luxury vinyl tiles with UZIN adhesives helps create a stylish and stunning floor finish.

## SUSTAINABLE

All the adhesives within this brochure have been awarded EC 1 PLUS certification for being totally solvent free and very low emission, making them healthier for the user, your clients and more environmental friendly. The UZIN adhesive buckets can also be recycled after use.



## TRIED & TESTED

Our adhesives have been tested and approved with all of the leading floor covering manufactures. The UZIN recommended adhesive guide provides an comprehensive overview of our adhesive recommendations for floor coverings available in the UK including many luxury vinyl tiles. For more information visit [www.uzin.co.uk](http://www.uzin.co.uk) or download the UZIN App.

# THREE OF THE BEST

## UZIN KE 2000 S - page 13

Pressure Sensitive Adhesive

- + Extremely easy to apply
- + Exceptionally reliable with excellent bond strength

## UZIN KE 66 - page 13

Wet Set Adhesive

- + Fibre-reinforced to restrict any movement of the tiles
- + For areas subject to high temperatures

## UZIN KE 68 - page 17

Heavy Duty Adhesive

- + 1-Component so no mixing and no waste
- + For areas subject to very high temperatures and tolerant to moisture which could penetrate the joints



# WORLD LEADER IN LVT ADHESIVES





# WHY UZIN?

## QUALITY YOU CAN AFFORD

Flooring installation is a highly skilled trade and requires great expertise in order to produce a perfect floor. UZIN provides the best products, best service and best solutions to help support flooring installers. UZIN aim to make your daily work easier with simple and easy to use products, digital tools and training. UZIN product systems are of the highest quality, extremely durable and are safe for the environment. UZIN also promise to be there for you, offering you the highest level of technical support.

## OUR COMMITMENTS:

- + To work with our customers in partnership.
- + Provide quality products which meet and exceed industry requirements.
- + To offer our customers the best solution for each project, even in the face of exceptional challenges.
- + To be there when we are needed for help, advice and assistance.
- + Invest in technology to improve our service offering, such as the UZIN App.
- + Adapt our products to the most recent demands of the market and to the needs of our customers.
- + To focus on sustainability, adopting environmental initiatives across all aspects of the business.

## TECHNICAL SUPPORT & SPECIFICATION SERVICE:

UZIN is renowned for problem solving solutions and technical service, visiting building sites and providing expert advice. UZIN can also help you with moisture testing and provide written specifications for any of your projects. Depending on the scenario, unique systems can be employed to help streamline work, minimise downtime and offer additional security. Most products are also LEED and BREEAM compliant to ensure sustainable and environmental standards are upheld.

## FREE TRAINING:

UZIN offers you the chance to learn more about our products at our free technical training days. The training offers the perfect opportunity to explore our flooring installation systems. UZIN product systems are known for being innovative, cost effective and because we highly engineer our systems, they could be considered fail safe when used correctly. Visit [www.uzin.co.uk](http://www.uzin.co.uk) to find a date or contact us for more information.





PRODUCT OVERVIEW

PRIMERS

DAMP CONTROL SYSTEMS

PRIMER FOR NON-ABSORBENT SURFACES

PAGE 15

UZIN PE 280

Rapid drying primer for use over dense subfloors and DPMs

Pack Size

5 kg

12 kg

Approx. Coverage

33 – 71 m<sup>2</sup>

80 – 170 m<sup>2</sup>

Drying Time\*

45 min.

ECT

LEED® CONTRIBUTING PRODUCT

CE

UZIN PE 280

PRIMER FOR ABSORBENT SURFACES

PAGE 25

UZIN PE 360+ NEW

Fast drying primer for new and old substrates

Pack Size

5 kg

10 kg

Approx. Coverage

33 – 63 m<sup>2</sup>

66 – 125 m<sup>2</sup>

Drying Time\*

30 – 60 min.

ECT

CE

EPD

UZIN PE 360+ NEW

FILLER & PRIMER

PAGE 19

UZIN PE 630

For priming and filling jointed substrates in one

Pack Size

16 kg

Approx. Coverage

30 – 60 m<sup>2</sup>

Drying Time\*

40 – 120 min.

ECT

UZIN PE 630

DPM

PAGE 15

UZIN PE 480 NEW

1 or 2 coat epoxy DPM for use up to 99.9% RH (2 coats)\*\*

Pack Size

5 kg

10 kg

Approx. Coverage

10 – 20 m<sup>2</sup>

20 – 40 m<sup>2</sup>

Drying Time\*

12 – 24 hours

per coat

LEED® CONTRIBUTING PRODUCT

ECT

UZIN PE 480 NEW

RAPID MOISTURE SUPPRESSANT

PAGE 15

UZIN PE 404

Rapid drying, residual moisture vapour suppressant for use up to 98% RH\*\*

Pack Size

10 kg

Approx. Coverage

60 – 80 m<sup>2</sup>

Drying Time\*

1 hour

per coat

ECT

UZIN PE 404

REPAIR MORTAR

PAGE 18

UZIN NC 888 S

Fine Repair Mortar

Pack Size

4.5 kg

Approx. Coverage

4.1 m<sup>2</sup> at 1 mm

Drying Time\*

15 min.

ECT

LEED® CONTRIBUTING PRODUCT

UZIN NC 888 S

BAG & BOTTLE SMOOTHING COMPOUND

PAGE 11

UZIN L3 GOLD

Rapid drying smoothing compound

Pack Size

20 & 4.6 kg

Approx. Coverage

5 m<sup>2</sup> at 2-3 mm

Drying Time\*

2 hours

C25

EN 12607

F7

UZIN L3 GOLD

WATER MIX SMOOTHING COMPOUND

PAGE 25

UZIN NC 151

Heavy duty smoothing compound

Pack Size

20 kg

Approx. Coverage

5 m<sup>2</sup> at 2-3 mm

Drying Time\*

6 hours

ECT

C35

EN 12607

F6

UZIN NC 151

LOW STRESS SMOOTHING COMPOUND

PAGE 11

UZIN NC 163

Smoothing compound which can be used without priming\*\*

Pack Size

20 kg

Approx. Coverage

5 m<sup>2</sup> at 3 mm

Drying Time\*

20 hours

ECT

C30

EN 12607

F10

UZIN NC 163

FIBRE-REINFORCED SMOOTHING COMPOUND

PAGE 19

UZIN NC 196

Smoothing compound for use over floor grade plywood & chipboard

Pack Size

20 kg

Approx. Coverage

4 m<sup>2</sup> at 3 mm

Drying Time\*

24 hours

ECT

C25

EN 12607

F6

UZIN NC 196

UNDERLAY

ADHESIVES

LVT UNDERLAY

PAGE 23

UZIN RR 620

High performance, flexible and acoustic underlay for luxury vinyl tiles

Pack Size

1 Roll

7.5 x 1 m

Approx. Coverage

7.5 m<sup>2</sup>

Drying Time\*

None, immediately ready

ECT

LEED® CONTRIBUTING PRODUCT

UZIN RR 620

PRESSURE SENSITIVE ADHESIVE

PAGE 13

UZIN KE 2000 S

Pressure sensitive adhesive for LVT, vinyl, lino & rubber

Pack Size

6 kg

14 kg

Approx. Coverage

19 – 24 m<sup>2</sup> / A2 notch

44 – 56 m<sup>2</sup> / A2 notch

Drying Time\*

24 hours

ECT

CE

LEED® CONTRIBUTING PRODUCT

UZIN KE 2000 S

HIGH TEMPERATURE ADHESIVE

PAGE 13

UZIN KE 66

High temperature adhesive for LVT, vinyl & rubber

Pack Size

6 kg

14 kg

Approx. Coverage

21 m<sup>2</sup> / A2 notch

50 m<sup>2</sup> / A2 notch

Drying Time\*

24 hours

ECT

CE

EPD

UZIN KE 66

1-COMPONENT HEAVY DUTY ADHESIVE

PAGE 17

UZIN KE 68

1 component adhesive for LVT, vinyl, lino & rubber which withstands high temperatures

Pack Size

8.5 kg

Approx. Coverage

24 – 28 m<sup>2</sup> / A1 notch

Drying Time\*

24 hours

ECT

UZIN KE 68

HIGH PERFORMANCE ADHESIVE

PAGE 21

SIGAN ELEMENTS

Double sided adhesive tape for installing LVT onto old vinyl, lino and other resilient floors

Pack Size

75cm x 25m roll & 20 m<sup>2</sup>

5cm x 25m roll

Approx. Coverage

7.5 m<sup>2</sup>

Drying Time\*

None, immediately ready

ECT

LEED® CONTRIBUTING PRODUCT

SIGAN ELEMENTS

ADHESIVE TAPES

AFTERCARE

HIGH PERFORMANCE ADHESIVE

PAGE 21

SIGAN ELEMENTS PLUS

Double sided adhesive tape for installing LVT onto smoothing compounds, chipboard & metal

Pack Size

75cm x 25m roll & 20 m<sup>2</sup>

5cm x 25m roll

Approx. Coverage

7.5 m<sup>2</sup>

Drying Time\*

None, immediately ready

ECT

LEED® CONTRIBUTING PRODUCT

SIGAN ELEMENTS PLUS

CONTACT ADHESIVE

PAGE 27

UZIN U-TACK

Skirting, capping & coving tape

Pack Size

1 roll

1 roll

1 roll

Dimensions

25 x 50 mm

40 x 50 mm

50 x 50 mm

85 x 50 mm

Drying Time\*

None, immediately ready

ECT

LEED® CONTRIBUTING PRODUCT

UZIN U-TACK

PREMIUM 2-COMPONENT SEALER

PAGE 27

UZIN TURBO PROTECT PLUS

Heavy duty 2 component PU sealer for long term protection of LVT

Pack Size

4 litre canister & 1 litre bottle

Approx. Coverage

45 – 50 m<sup>2</sup>

Drying Time\*

8 – 12 hours

ECT

UZIN TURBO PROTECT PLUS

2-COMPONENT SCRATCH CONCEALER

PAGE 27

UZIN REFRESHER SET

Conceals scratches on most LVTs with a PU wear layer

Pack Size

80 ml metal can & 20 ml plastic bottle

Approx. Coverage

100 m<sup>2</sup>

Drying Time\*

3 – 4 hours

ECT

UZIN REFRESHER SET

\*Approximate drying time at 20 °C / 68 °F and 65 % relative humidity  
\*\*See product data sheet



# RENOVATE WITHOUT PRIMING

Photo credits: W. & L. Jordan GmbH

UZIN KE 66 High Temperature Adhesive  
or UZIN KE 2000 S Pressure Sensitive Adhesive

UZIN L3 Gold Bag & Bottle Smoothing Compound \*\*

UZIN NC 163 Low Stress Smoothing Compound \*\*

Dry subfloor with sound, well bonded and  
waterproof adhesive residues

## REFURBISHMENT SYSTEM

Save time when renovating old floors which contain sound, well bonded and waterproof adhesive residues such as bitumen. UZIN L3 Gold bag & bottle smoothing compound can be used without priming and dries after just 2 hours. UZIN NC 163 low stress smoothing compound provides a slower but equally effective option without the hassle and expense of disposing a bottle.

## UZIN L3 GOLD

### Bag & Bottle Smoothing Compound

UZIN L3 Gold is harder, better, faster and stronger than most other bag and bottle smoothing compounds. Its superior performance makes it ideal for use over most sound and well bonded, waterproof adhesive residues, such as bitumen.

#### Benefits:

- + high compressive strength of 25 N and flexural strength of 7 N
- + recyclable packaging makes it better for the environment
- + extremely rapid drying, luxury vinyl tiles can be installed after 2 hours!
- + with a good compressive strength it provides a more durable surface for floors compared to lower strength bag & bottle products



**Pack Size**  
20 & 4.6 kg



**Approx. Coverage**  
5 m² at 2-3 mm



**Drying Time\***  
2 hours



CUBET  
simple



## UZIN NC 163

### Low Stress Smoothing Compound

UZIN NC 163 is a unique water mix smoothing compound which can be used without priming over most ceramic tiles as well as sound and well bonded, waterproof adhesive residues, such as bitumen.

#### Benefits:

- + very low stress even when used over old adhesive residues
- + can be used without priming
- + great flow producing a outstandingly smooth finish
- + saves time and expense of bottle disposal



**Pack Size**  
20 kg



**Approx. Coverage**  
5 m² at 3 mm



**Drying Time\***  
20 hours



C30  
F10



\*Approximate drying time at 20 °C / 68 °F and 65 % relative humidity  
\*\*See product data sheet



# FOR PERFECT RESULTS!

Photo credits: W. & L. Jordan GmbH

UZIN KE 66 High Temperature Adhesive  
or UZIN KE 2000 S Pressure Sensitive Adhesive

UZIN NC 151 Heavy Duty Smoothing Compound

UZIN PE 360+ NEW Primer

Dry Cement or Anhydrite Screed

## DRY SYSTEM

With UZIN's standard system, our most popular products can be used in most situations. UZIN KE 2000 S pressure sensitive adhesive provides a strong and reliable bond for luxury vinyl tiles installation. Where as UZIN KE 66 wet set adhesive provides quick, easy and reliable LVT installations. For perfect results use in conjunction with UZIN PE 360+ NEW primer and UZIN NC 151 heavy duty smoothing compound (please see page 25 for more detailed information).

## UZIN KE 66

High Temperature Adhesive

UZIN KE 66 offers perfect results. As a wet-set adhesive luxury vinyl tiles can be laid in the quickest time possible. UZIN KE 66 incorporates microfibres to guarantee the dimensionally stable installation of LVT and reduce residual impression, UZIN KE 66 also meets all requirements regarding EMICODE®EC1 PLUS.

### Benefits:

- + high shear strength for reliable and dimensionally stable installation
- + fibre-reinforced
- + high temperature adhesive\*
- + excellent adhesion
- + recommended by leading floor covering manufacturers

 **Pack Size**  
6 kg  
14 kg



**Approx. Coverage**  
21 m² / A2 notch  
50 m² / A2 notch



**Drying Time\*\***  
24 hours



## UZIN KE 2000 S

Pressure Sensitive Adhesive

UZIN KE 2000 S has been proven to be extremely reliable over the last two decades and has a great bond strength. It has also been awarded EC1 Plus® certification for very low VOC emissions and provides the highest standards for room air quality in interior spaces.

### Benefits:

- + excellent early and final strength
- + short open time yet very long working time, up to 2 hours
- + great coverage
- + solvent-free

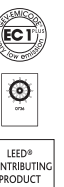
 **Pack Size**  
6 kg  
14 kg



**Approx. Coverage**  
19 – 24 m² / A2 notch  
44 – 56 m² / A2 notch



**Drying Time\*\***  
24 hours



\*Can be used as a high temperature adhesive in most areas. However if a floor covering is being installed in areas with extreme temperatures, for example, a south facing building with large windows which could magnify the temperature, UZIN KE 68 or UZIN KR 430 is recommended. If in doubt please consult our Technical Department  
\*\*Approximate drying time at 20 °C / 68 °F and 65 % relative humidity



# PROTECT AGAINST MOISTURE

Photo credits: W. & L. Jordan GmbH

UZIN KE 66 High Temperature Adhesive  
or UZIN KE 2000 S Pressure Sensitive Adhesive

UZIN NC 151 Heavy Duty Smoothing Compound

UZIN PE 280 Rapid Drying Primer

UZIN PE 404 Rapid Moisture Suppressant

UZIN PE 480 NEW Damp Proof Membrane

Residual Moisture in Cement Screed, up to 98% RH\*\*

Damp Cement Screed up to 99.9% RH

## DAMP SYSTEM

It is critical that substrates are protected against moisture for successful flooring installations. Where a structural DPM is not present then UZIN PE 480 damp proof membrane provides unbelievable defence because it can be used up to 99.9% RH and even cures on wet surfaces. It is extremely reliable helping save time if there is severe moisture problems. UZIN PE 404 provides quick protection against residual moisture up to 98% RH and two coats dry within two hours.

## UZIN PE 480 NEW

Damp Proof Membrane

UZIN PE 480 NEW is an epoxy damp proof membrane which can be used for substrates with very high moisture content up to 99.9 % RH when 2 coats are applied. It provides exceptional performance as it can be even be used on wet surfaces. It can also be used as a 1 coat DPM up to 98% RH.

### Benefits:

- + exceptional performance
- + sets on wet surface areas

- + frost resistant
- + solvent-free

 **Pack Size**  
5 kg  
10 kg

 **Approx. Coverage**  
10 – 20 m<sup>2</sup>  
20 – 40 m<sup>2</sup>

 **Drying Time\***  
12 – 24 hours per coat



## UZIN PE 404

Rapid Moisture Suppressant

If there is residual moisture up to 98% RH then UZIN PE 404 rapid drying moisture vapour suppressant is ideal because two coats dry within 2 hours.

### Benefits:

- + rapid drying
- + ready mixed

- + easy to use
- + solvent-free

 **Pack Size**  
10 kg

 **Approx. Coverage**  
60 – 80 m<sup>2</sup>  
20 – 40 m<sup>2</sup>

 **Drying Time\***  
1 hour per coat



\*Approximate drying time at 20 °C / 68 °F and 65 % relative humidity

\*\*A structural DPM must also be present





QUALITY THAT  
STANDS UP  
TO EVERYTHING.

Photo credits: W. & L. Jordan GmbH



# HEAVY DUTY & HIGH SOLAR GAIN SYSTEM

For areas subject to heavy wear, extremely high temperatures or temperature fluctuations, frequent wet cleaning or high mechanical loads a system with a special adhesive is recommended. UZIN KE 68 heavy duty adhesive is ideal for such environments and provides exceptional performance where there is high solar gain. If there is moisture present in the subfloor then UZIN KE 68 can be used in conjunction with the products in the Damp System (see pages 20 and 21).

## UZIN KE 68 1-Component Heavy Duty Adhesive

Ready mixed and user-friendly, this special adhesive is suitable for heavy duty areas. UZIN KE 68 provides excellent dimensional stability, especially when exposed to high solar gain, extreme temperature fluctuations or when the joints are subject to water from above. UZIN KE 68 is also suitable for areas with higher mechanical loads and meets all requirements regarding EMICODE® EC1 R PLUS.

- Benefits:**
- + high dimensional stability
  - + high temperature resistance
  - + ready mixed
  - + good ridge formation
  - + tolerant to moisture which could penetrate joints



 <b>Pack Size</b>	 <b>Approx. Coverage</b>	 <b>Drying Time*</b>
8.5 kg	24 – 28 m² / A1 notch	24 hours



\*Approximate drying time at 20 °C / 68 °F and 65 % relative humidity





# SAVE TIME WHEN INSTALLING OVER WOODEN FLOORBOARDS, FLOORING GRADE PLYWOOD OR TILES

Photo credits: W. & L. Jordan GmbH

UZIN KE 66 High Temperature Adhesive  
or UZIN KE 2000 S Pressure Sensitive Adhesive

UZIN NC 888 S Fine Repair Mortar

UZIN NC 196 Fibre-reinforced  
Smoothing Compound

UZIN PE 630 Filler & Primer

Flooring Grade Plywood such as Hanson SP101

Wooden Floorboards, Flooring Grade Plywood or Ceramic Tiles\*

## PLYWOOD, FLOORBOARDS & TILE SYSTEM

Installation and downtime should be as short as possible when renovating floors. UZIN's time-saving and reliable system consists of UZIN PE 630 filler and primer combined with UZIN NC 196 fibre-reinforced smoothing compound. The system allows flat surfaces to be created over subfloors which contain joints such as wooden floorboards, tiles and flooring grade plywood. It also provides a great base for the luxury vinyl tiles.

### UZIN PE 630

Filler & Primer

Highly viscous and very fast drying 2-component primer and filler. With its hard resilient properties it is perfectly suited for substrates containing joints and in need of renovation, such as tiles or floorboards.


#### Benefits:

- + fills, seals and smooths in one application
- + excellent adhesion



 **Pack Size**  
16 kg

 **Approx. Coverage**  
30 – 60 m<sup>2</sup>

 **Drying Time\*\***  
40 – 120 minutes

### UZIN NC 196

Fibre-reinforced Smoothing Compound


Fibre-reinforced smoothing compound for use over wooden floorboards, flooring grade plywood and tiles.\*

#### Benefits:

- + enriched with reinforcement fibres to reduce the formation of cracks
- + good strength and excellent flow
- + low stress even when applied in greater thicknesses



 **Pack Size**  
20 kg

 **Approx. Coverage**  
4 m<sup>2</sup> at 3 mm

 **Drying Time\*\***  
24 hours



\*UZIN PE 630 does not stop or disguise a floor that is deforming, it is only designed to cope with movement of that floor. It is important to ensure that any subfloor is stable, any deformation of the substrate due to changing site conditions will be reflected on the surface  
\*\* Approximate drying time at 20 °C / 68 °F and 65 % relative humidity





# RENOVATE FLOORS IN THE QUICKEST TIME POSSIBLE

Photo credits: W. & L. Jordan GmbH

Sigan Elements High Performance Tape

Sigan Elements Plus High Performance Tape

Planus Primer

UZIN NC 151 Heavy Duty Smoothing Compound

UZIN PE 360+ NEW Primer

Dry Cement or Anhydrite Screed

Old floor covering

## QUICK REFURBISHMENT SYSTEM

Luxury vinyl tiles can be installed quickly, cleanly and quietly using Sigan Elements or Sigan Elements Plus adhesive tapes without the normal dirt or noise caused by traditional renovations. These systems are designed to be used discretely so that floors can be refurbished during normal business hours and cause little disruption during installation and future removal. Sigan Elements Plus allow LVT floors to be installed onto smoothing compounds, chipboard or metal subfloors when primed with Planus primer. Luxury vinyl tiles can be also be installed onto existing floor coverings using Sigan Elements. Both tapes can be walked upon and used immediately after installation.

## SIGAN ELEMENTS PLUS

### High Performance Tape

With Sigan Elements Plus LVT floors can be installed quickly and be made very dimensionally stable. When the time comes for the floor to be changed the luxury vinyl tiles can be removed easily and no residues are left on the substrate.

#### Benefits:


- + for quick, clean and quiet installations
- + for use over smoothing compounds, chipboard or metal subfloors when primed with Planus primer
- + immediately ready for foot traffic
- + guaranteed to leave no residues when removed



LEED<sup>®</sup>  
CONTRIBUTING  
PRODUCT

 **Pack Size**  
1 Roll 75 cm x 25 m &  
1 Roll 5 cm x 25 m

 **Approx. Coverage**  
20 m<sup>2</sup>

 **Drying Time**  
None, immediately ready

## SIGAN ELEMENTS

### High Performance Tape


With the patented adhesive tape technology LVT floors can be installed directly onto the existing floor coverings and later removed without leaving any residue.

#### Benefits:


- + fast, clean renovations
- + can be installed onto existing floor coverings such as vinyl and linoleum (please contact use for more information)
- + can be walked upon immediately after installation
- + easily removable without leaving residues



LEED<sup>®</sup>  
CONTRIBUTING  
PRODUCT

 **Pack Size**  
1 Roll 75 cm x 25 m &  
1 Roll 5 cm x 25 m

 **Approx. Coverage**  
20 m<sup>2</sup>

 **Drying Time**  
None, immediately ready

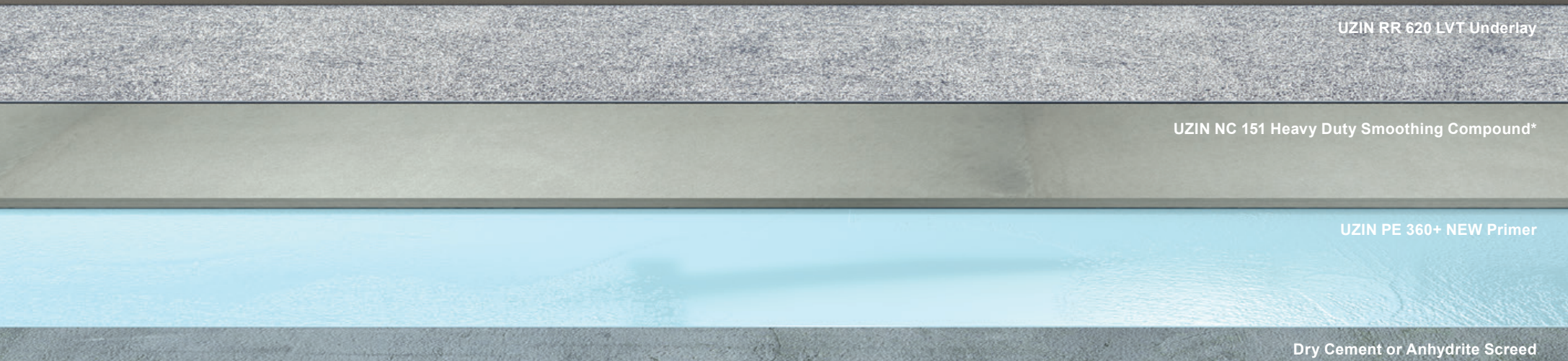






# EXCEPTIONAL ACOUSTICS AND COMFORT

Photo credits: W. & L. Jordan GmbH



## CLICK & INSULATION SYSTEM

When click luxury vinyl tiles are installed, attention should be paid to the evenness of the substrate, as unevenness can become noticeable or even visible in the floor covering over time. UZIN smoothing compounds such as UZIN NC 151 provide the solution as they create a flat and smooth surface. For best insulation and underfoot comfort an LVT underlay should be used, such as UZIN RR 620.

## UZIN RR 620

LVT Underlay

High performance, self adhesive and acoustic underlay for luxury vinyl tiles.

### Benefits:

- + stress-relief
- + acoustic insulation
- + self-adhesive to the substrate
- + easy to cut and install
- + low residual indentation
- + increases underfoot and ambient comfort



### Pack Size

1 Roll 7.5 x 1 m



### Approx. Coverage

7.5 m<sup>2</sup>



### Drying Time

None, immediately ready



\*After installation, if the surface becomes dusty or contaminated a coat of UZIN PE 360 PLUS primer maybe needed.





THE BASE  
FOR PERFECTION.

Photo credits: W. & L. Jordan GmbH



# LOOSE LAY SYSTEM




The special feature of loose lay installations is, as the name suggests, that the LVT floors are installed, without adhesive. Any unevenness in the substrate must be rectified if perfect results are to be obtained. UZIN offers the perfect solution with UZIN smoothing compounds which help provide a smooth and even finish. In combination with the right primer, the perfect base for LVT is created.

## UZIN PE 360+ NEW

Primer For Absorbent Surfaces

Fast drying primer for new and old substrates which increases the bond strength and binds surface dust.

- Benefits:**
- + excellent penetration
  - + reduces absorbency of the substrate
  - + fast drying

	<b>Pack Size</b> 5 kg 10 kg		<b>Approx. Coverage</b> 33 – 63 m <sup>2</sup> 66 – 125 m <sup>2</sup>		<b>Drying Time*</b> 30 – 60 minutes
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## UZIN NC 151

Heavy Duty Smoothing Compound

With reliable and consistent drying UZIN NC 151 heavy duty smoothing compound provides the best results. After just 6 hours most floor coverings can be installed onto most substrates.

- Benefits:**
- + quick, reliable and consistent drying on adsorbent and non-absorbent surfaces
  - + great strength, excellent flow and easy to spread
  - + produces an exceptional finish ideal for luxury vinyl tiles

	<b>Pack Size</b> 20 kg		<b>Approx. Coverage</b> 5 m <sup>2</sup> at 2-3 mm		<b>Drying Time*</b> 6 hours
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\*Approximate drying time at 20 °C / 68 °F and 65 % relative humidity



# PERFECT PORTFOLIO.

What makes our range of LVT floors so special? In order to achieve perfect results, we offer you wet adhesives or tape systems, primers and smoothing compounds, as well as a continuously growing range of machines and special tools from WOLFF. We also supply adhesive tapes for capping, coving and skirting. The cleaning and maintenance products from UZIN Care round off the product portfolio for the efficient and effective installation of LVT.

This makes UZIN the only supplier in the world to offer you a complete assortment of products to help from subfloor preparation, installation and maintenance of LVT.

## THE BEST TOOLS FOR LVT INSTALLATION

The Wolff Design Collection offers a packaged range of hand tools for the perfect installation of luxury vinyl tiles. All of the tools have a very robust construction and allow work to be carried out efficiently and safely, making them tailor-made for LVT installation.



## WOLFF RAILCUT

The WOLFF Railcut is ideal for cutting borders and design work with a height adjustable blade and ergonomic shape for a comfortable grip. It can also be used as a strip cutter and for cutting seams. Suitable for both right and left handed users.



## WOLFF DESIGN COLLECTION



### INCLUDED WITHIN THE DURABLE CASE:

#### Linocut seam cutter:

For quick installation of borders and creates perfect seams for luxury vinyl tiles as well as all resilient and needle punch floor coverings. Different base plates for a range of applications.

#### FasTrimmer:

To create a chamfered edge of 25° to the surface of LVT after they have been cut.

#### Duo pressure roller:

To roll over the seams for perfect adhesion.

#### Mitre-box shears for LVT floors:

For a precise and clean cut of LVT feature strips. Double action, with stop.

## INSTALLING SKIRTING

Install skirting quickly, reliably and without solvents with UZIN U-Tack. It provides a superior method of installing skirting compared to hot-melt gluing, nailing or bonding with solvent-based adhesives.

## UZIN U-TACK

Skirting, Capping & Coving Tape

The transparent, double-sided multi-purpose adhesive tape allows you to install skirting and floor covering strips easily, quickly, cleanly and is solvent free! UZIN U-Tack does not become brittle, providing a secure and extremely durable bond.

#### Benefits:

- + quick, clean and safe installation
- + multi-purpose
- + strong and secure bond



#### Pack Size

- 1 roll UZIN U-Tack 25
- 1 roll UZIN U-Tack 40
- 1 roll UZIN U-Tack 50
- 1 roll UZIN U-Tack 85



#### Dimensions

- 25 x 50 mm
- 40 x 50 mm
- 50 x 50 mm
- 85 x 50 mm



#### Drying Time

None



## PROFESSIONAL CARE FOR YOUR FLOOR

With the UZIN Care range, UZIN also offers a solution for sealing and repairing scratches through the proven combination of UZIN Turbo Protect Plus and UZIN Refresher Set.

## UZIN TURBO PROTECT PLUS

Premium 2-Component Sealer

UZIN Turbo Protect Plus is a 2-component, PU sealer which provides outstanding resistance to cleaning agents and disinfectants. It provides durable protection and is ideal for the long-term protection of resilient flooring coverings such as LVT.

#### Benefits:

- + easier to clean
- + cost and time saving due to one-off application
- + quick drying and setting
- + improves surfaces quality



#### Pack Size

- 4 litre canister & 1 litre bottle



#### Approx. Coverage

45 – 50 m²



#### Drying Time\*

8 – 12 hours

## UZIN REFRESHER SET

2-Component Scratch Concealer

The UZIN Refresher Set is a 2-component product for repairing minor scratches and signs of wear on luxury vinyl tiles as well as other resilient floor coverings.

#### Benefits:

- + ideal for concealing scratches and white marks
- + saves complete renovation
- + extremely durable and excellent finish



#### Pack Size

- 80 ml metal can & 20 ml plastic bottle



#### Approx. Coverage

100 m²



#### Drying Time\*

3 – 4 hours



\*Approximate drying time at 20 °C / 68 °F and 65 % relative humidity



# MACHINES FOR SUBFLOOR PREPARATION

## SELECTING THE RIGHT TYPE OF MACHINE

WOLFF Tools provides a quality range of powerful floor stripping machines and grinding machines to help prepare the substrate. Subject to your budget and size of your projects, WOLFF Tools have a variety of different machines available to suit your requirements. The machines and tools are designed to make your daily work much easier, providing time and cost savings.

The question as to the right machine is frequently answered by the available budget. However, different factors such as the expected size of the area, type of work and the permissible noise level on site should be considered. For floor stripping machines other aspects such the type of floor covering or type of adhesive used with the respective covering also needs to be contemplated.

## STRIPPING MACHINES

There are two machine types for removing flooring, those which oscillate such as the WOLFF Duro Stripper or those with an impact technology and drive system, like the WOLFF Turbo Stripper. Oscillating machines use an elliptically rotating blade which cuts the adhesive bond between floor covering and substrate. Oscillating strippers are typically smaller and are particularly suited for removing carpet and slightly elastic flooring. However, very rigid flooring, e.g. linoleum or rubber based flooring coverings may represent a problem. For these situations, a larger more powerful machine with an impact and drive system should be used because they remove the most stubborn of floor coverings.

## GRINDING MACHINES

There are typically three different types of grinding machines which are split into two categories, mono-disc grinding machines and planetary grinding machines. As the name suggests mono-disc grinding machines have a single disc whereas planetary grinding machines have multiple disc's which turn independently. Planetary grinding machines are large, fast and strong making them ideal for intensively grinding substantial areas. Equally powerful are mono-disc grinding machines but they are more suitable for small to medium sized areas or edge work, such as the WOLFF NEO 230. Grinding performance improves at higher speeds so these machines generate up to 1500 rpm to provide the best results. On the other hand multi-purpose mono-disc machines such the Wolff Samba can be used for sanding, grinding and cleaning depending on what disc and attachments are used. These machines are ideal if a variety of work is being performed other than grinding. They are designed to operate at low speeds (approx. 154 rpm) but by using the right disc and diamond segments, the performance can be improved.

## SELECTING THE RIGHT TYPE BLADE OR SEGMENT

Once you have selected the right machine, another critical aspect is selecting the proper blade or diamond segment. Irrespective of the machine type, performance stands or falls with this choice. Selecting the most suitable blade or segment is a difficult job which requires a lot of experience. Depending on what floor covering needs to be removed or which material needs to be ground from the substrate a different blade or segment is required. Wolff Tools can help recommend the right blade or segment to use to ensure you get the best outcome. As surface preparation can be diverse and complex we can also provide help, support and advice on any machines or tools.



going beyond your limits





# SUBFLOOR PREPARATION ADVICE

In order to achieve a great floor finish then correct subfloor preparation is critical. The appearance and performance of the LVT is determined to a significant extent by the quality of the prepared subfloor on which they are installed. There are some basic requirements for any substrate, these are defined in the British Standards and to paraphrase any base should be “clean” (remove any materials that could impair performance) “dry” (below 75% RH for LVT) and “sound” (stable, free from signs of movement, be that past or present).

## SUBFLOOR EVALUATION

Before any work is carried out is essential to evaluate the subfloor. Depending on the situation, the old floor covering may need to be removed, the floor might just need to be cleaned, or ground to remove any poorly adhering old residues of cement or adhesive. There may be surface contaminants, or laitance which should be removed. There may also be cracks or holes present which will need to be repaired. Cracks in the screed can be permanently sealed using repair resins or crack bridges such as UZIN RR 203, whilst repair mortars such as UZIN NC 182 can be used for minor surface damage and filling holes.

## TYPE OF SUBSTRATE

The type of substrate will also have an impact on what preparation is required. Wooden substrates for example will require an application of a fibre reinforced smoothing compound. Special care must be taken over anhydrite (also known as calcium sulphate or gypsum) screeds, as their requirements, limits and performance can be very different to cement based subfloors. Many anhydrite screeds have a laitance and it is very important this is removed prior to the application of the UZIN primer and smoothing compound. This always entails grinding down to where the coarse aggregate of the anhydrite screed is fully exposed. This will allow the UZIN primer or damp proof membrane (DPM) to fully penetrate into the screed.

## UNDER FLOOR HEATING

The underfloor heating must be fully commissioned and tested as per the British Standards or in accordance to the manufactures guidelines. Prior to the installation of the LVT the underfloor heating should be switched off for 2 days. Once installed the heating should not be put back on for at least 2 days and peak temperature should be avoided for another 7 days. It is also important to ensure that the surface temperature throughout the installation does not exceed 27 °C and that the temperature is slowly increased.





# SUBFLOOR PREPARATION ADVICE

## MOISTURE MEASURING & SUPPRESSING

Above all it is excess moisture which causes the most problems and its management is key to any successful installation. There are various methods to test moisture but the British Standards recommend a drill and plug or surface box hygrometer test. When installing LVT the moisture reading must be less than 75% relative humidity, above this and a moisture suppressing system from the UZIN range will be needed. It is also important to ascertain if a structural damp proof membrane is present and whether the moisture is caused from rising damp or residual moisture within the screed. UZIN PE 480 DPM provides the highest protection for both situations and can be used up to 99.9% RH.

## LEVELS & SURFACE REGULARITIES

A floor should remain level and smooth with no readily visible fluctuations in depth or surface abnormalities. The British Standards specify a “surface regularity” (SR1, 2, 3) which is a measurement of smoothness, but not level. Applying a UZIN smoothing compound can help achieved the desired result, as well as good working practice and trowel skills. Using spike rollers once the smoothing compound has been applied will aerate the compound and help reduce the incidence of pinholes and improve the aesthetics. Making sure the surface is level can be aided through the use of level pins to ensure that uneven depths are clearly identified.

## ADHESIVE CHOICE AND LVT APPLICATION

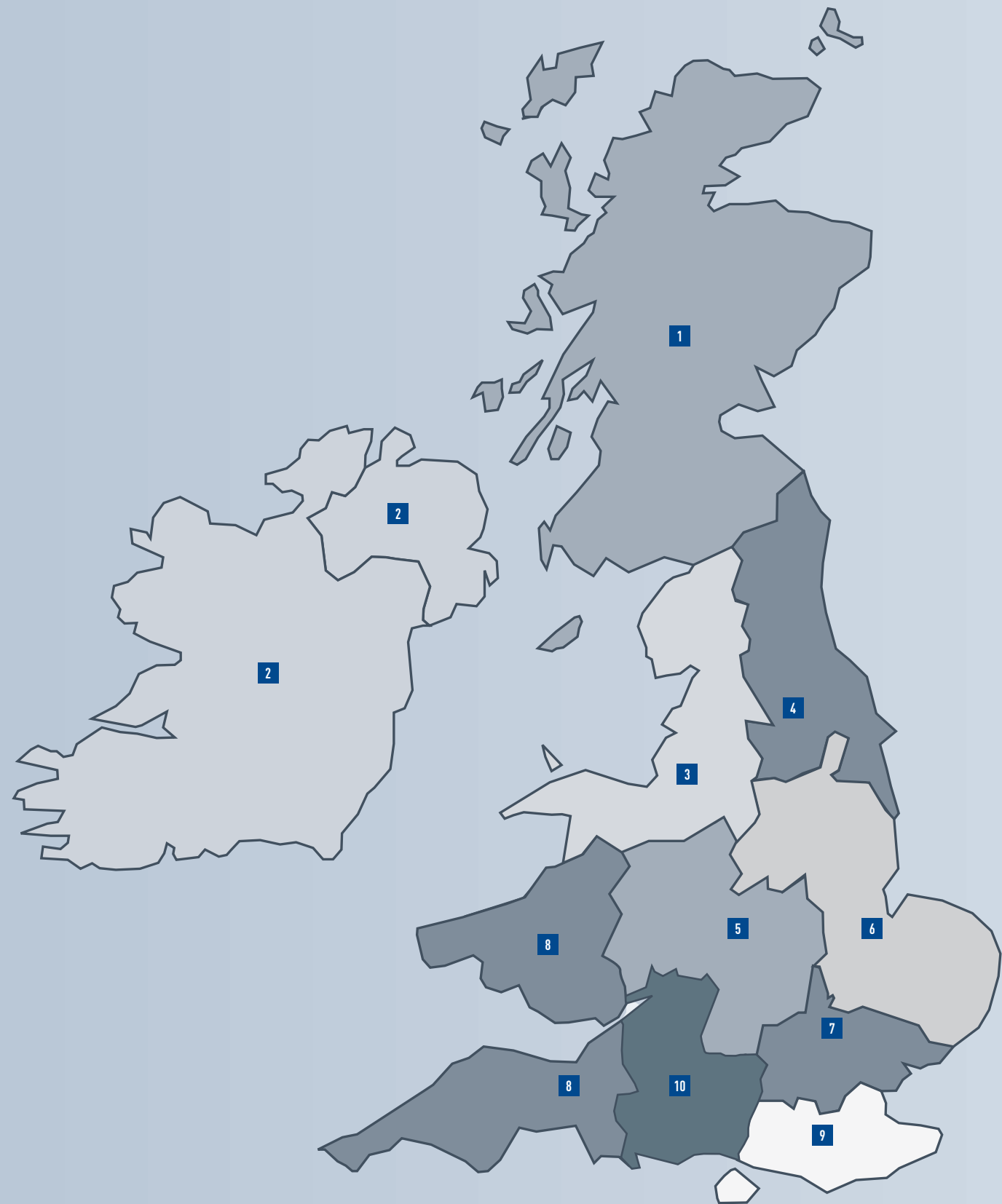
Refer to the LVT manufactures guidelines in regards to acclimatisation and conditions for installation. There are various UZIN adhesives which can be used to install luxury vinyl tiles. Each UZIN adhesive should be used depending on the area the luxury vinyl tiles are being installed for example, UZIN KE 68 adhesive should be used in any areas with high solar gain, temperature fluctuations or subject to frequent wet cleaning. Once the correct adhesive has been selected then there are other important factors such as choosing the correct notch size, spreading an even coat at a 60° angle and ensuring the LVT is installed within the adhesives working time. To help provide a secure bond it is also critical that there is sufficient transfer of adhesive on to the underside of the LVT. Remove any air pockets once the LVT has been installed using a cork board or pressure roller and then roll over twice with a 68 kg roller, first end to end and then across. Specialist LVT tools from Wolff can be used to aid installation such as a hole cutter.

UZIN are pleased to provide help and support regarding subfloor preparation and LVT installations. Alternatively visit [www.uzin.co.uk](http://www.uzin.co.uk) for more information.





YOUR CONTACTS AT UZIN



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„With UZIN product systems, you're  
in prime position for installing LVT.“

Marc Lawrence, Head of Technical & Product Management

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