



THE FLOOR BELONGS TO YOU.

SUSTAINABLE FLOORING SOLUTIONS

UZIN PRODUCTS AND SYSTEMS
FOR NEW BUILD HOUSING.



UZIN UTZ®

NEW BUILD HOUSING

The government have pledged to build 300,000 new homes every year to meet the demands of the growing population in the UK. However less houses are being built than needed. Therefore, house builders are striving to build more homes each year which are not only affordable, but are built to a high standard.

To meet the increasing demand, house builders’ work to tight schedules and short time frames. UZIN has therefore put together a range of sustainable and time saving systems to enable flooring installations to be completed in the quickest time possible. Our range of high quality products and systems are suitable for any type of house and substrate. From quick drying moisture protection and unique solutions for damp anhydrite screeds, UZIN have solutions for any scenario.

Our relationship with contractors is fundamental to how we operate. We work in close partnership with our customers providing moisture testing, expert technical support both on and off site, as well as written specifications. We also offer assistance and advice to ensure buildings meet BREEAM or other environmental building certification. For preparation and installation work that requires machines or tools, our sister brand WOLFF can provide the necessary equipment.

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MORE SUSTAINABLE



The environment and sustainability are at the centre of our ethos. We offer our customers and clients innovative, low-emission and environmentally friendly products and packaging.

Solvent free and low emission products

UZIN have played a pioneering role in matters of environmental protection. Our products are responsibly sourced and manufactured to meet ISO 9001 and ISO 14001. The majority of our products are EC1 Plus[®] certified and therefore suitable for environmental building schemes such as BREEAM. EC1 Plus[®] products are solvent-free, very low emission and provide the most ecological approach for flooring installations. Most of our products also have Environmental Product Declarations (EPDs), which are suitable for clients and customers who require a SKA rating or require products to meet ISO 14025 (Environmental labels and declarations).



Reducing CO₂ and plastic waste

UZIN are working with BASF to increase the proportion of raw materials made from bio-based origins in some of its products. BASF use a combination of fossil fuels and biomass resources to create the raw materials used for some UZIN products. The biomass materials are made from recycled feedstock such as organic waste. By using a combination of renewable resources and fossil fuels compared to fossil fuels alone, CO₂ emissions at Uzin Utz can be reduced by nearly 3,000 tons per year.



UZIN are also taking the lead in regard to our products packaging and have introduced Cube It Simple recyclable cardboard boxes. The new packaging is an alternative to plastic bottles and is considerably better for the environment. For example, compared to a 5 kg plastic bottle, the cardboard packaging produces 77% less CO₂ and 85% less plastic waste. The boxes are also much easier to dispose of as the packaging can be recycled.



Sustainable production

Our commitment to sustainability is also evident in our factory in Haaksbergen in The Netherlands. Here, the products are manufactured in a CO₂ neutral environment. The heating is generated by a combination of pellet and geothermal heating, rain water is used for flushing toilets and the air, light and temperature are sensor controlled. Together with numerous other initiatives, the premises help offset the environmental impact from manufacturing.

PRODUCT OVERVIEW

UZIN BEST SELLERS

PRIMERS

UZIN PE 280

Rapid drying primer for use over non-absorbent subfloors and DPMs.

- + Ideal for use over damp proof membranes
- + Contains carbon aggregates
- + Very fast drying

Pack Size:	Approx. Coverage:	Drying Time*:
5 kg	33 – 71 m ²	45 min.
12 kg	80 – 170 m ²	

UZIN PE 360 PLUS

Fast drying primer for new and old substrates.

- + Fast drying with excellent penetration
- + Reduces absorbency of the substrate and binds surface dust
- + Sustainable packaging

Pack Size:	Approx. Coverage:	Drying Time*:
5 kg	33 – 63 m ²	30 – 60 min.
10 kg	66 – 125 m ²	

UZIN PE 425

Epoxy primer for reinforcement of weak screeds or use within the moisture suppressant system.

- + For use within a moisture suppressant system for anhydrite screeds
- + Excellent reinforcement of weak and porous screeds
- + Deeply penetrating

Pack Size:	Approx. Coverage:	Drying Time*:
9 kg	Depends on the substrate**	1 st coat 1 – 2 h / 2 nd coat 12 – 48 h

DAMP CONTROL SYSTEMS

UZIN L3 GOLD SYSTEM PRIMER

Primer for use with UZIN L3 Gold Control System.

- + For use as a residual moisture vapour suppressant up to 95%**
- + 2 coats dry in 2 hours
- + Recyclable packaging

Pack Size:	Approx. Coverage:	Drying Time*:
5 kg	38 – 83 m ²	1 h per coat
10 kg	77 – 167 m ²	

UZIN L3 GOLD MOISTURE CONTROL

For use in areas of high moisture up to 95% RH.**

- + Exceptionally quick system
- + Simple and easy to use
- + Recyclable packaging, easier to handle and dispose of

Pack Size:	Approx. Coverage:	Drying Time*:
20 & 4.6 kg	5 m ² at 3 mm	2 h

UZIN PE 404

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

- + Rapid drying, 2 coats dry in 2 hours
- + Single component so no mixing or waste
- + Easy to use and solvent-free

Pack Size:	Approx. Coverage:	Drying Time*:
10 kg	60 – 80 m ²	1 h per coat

SMOOTHING COMPOUNDS

UZIN NC 110

Calcium sulphate based smoothing compound.

- + For use over a variety of substrates
- + Very low stress
- + Excellent flow producing and exceptional smooth finish

Pack Size:	Approx. Coverage:	Drying Time*:
25 kg	5.5 m ² at 3 mm	24 h

UZIN NC 151

Heavy duty smoothing compound.

- + Quick, reliable and consistent drying
- + Dries on absorbent and non-absorbent substrates in 6 hours
- + Great flow, easy to spread and extremely smooth finish

Pack Size:	Approx. Coverage:	Drying Time*:
20 kg	5 m ² at 2-3 mm	6 h

UZIN NC 196

Fibre-reinforced smoothing compound for use over floor grade plywood & chipboard.

- + Enriched with reinforcement fibres to reduce the formation of cracks
- + Excellent flow characteristics for ease of use
- + Low stress even when applied up to 40 mm

Pack Size:	Approx. Coverage:	Drying Time*:
20 kg	5 m ² at 3 mm	24 h

UZIN L3 GOLD

Extremely rapid drying 2 part smoothing compound, floors can be installed after 2 hours!

- + For use without priming, even over well bonded, waterproof adhesive residues**
- + Recyclable packaging, easier to handle and dispose of
- + Can be used under a DPM and the fantastic flow provides a great finish with minimal effort

Pack Size:	Approx. Coverage:	Drying Time*:
20 & 4.6 kg	5 m ² at 3 mm	2 h

UNDERLAY

UZIN RR 620

Flexible, self-adhesive and acoustic underlay.

- + Quick, easy and cost effective alternative to plywood
- + Low residual indentation
- + Increases underfoot and ambient comfort

Pack Size:	Approx. Coverage:	Drying Time*:
1 roll 7.5 m x 1 m	7.5 m ²	None, immediately ready

ADHESIVES

UZIN KE 66

High temperature adhesive for LVT, vinyl & rubber.

- + Wet set with no lateral movement for faster working times
- + Fibre-reinforced & high shear strength for excellent adhesion
- + Open time: 5-10 min. planks & tiles / 20-25 min. sheet material, working time: approx. 20 min.

Pack Size:	Approx. Coverage:	Drying Time*:
6 kg	21 m ² A2 notch	24 h
14 kg	50 m ² A2 notch	

UZIN KE 2000 S

Pressure sensitive adhesive for vinyl, lino, rubber & LVT.

- + Suitable for use as a wet, semi wet, pressure sensitive or contact adhesive
- + Excellent early and final strength
- + Short open time: 10-45 min., working time: 15-120 min.

Pack Size:	Approx. Coverage:	Drying Time*:
6 kg	19 – 24 m ² A2 notch	24 h
14 kg	44 – 56 m ² A2 notch	

UZIN KE 49 HT

High temperature or pressure sensitive adhesive for hybrid application.

- + Can be used as a semi-dry, pressure sensitive or contact adhesive
- + Extremely reliable adhesion and no waste
- + Open time: 10-60 min. working time: 15-120 min.

Pack Size:	Approx. Coverage:	Drying Time*:
6 kg	20 – 30 m ² A1-A2 notch	24 - 48 h
14 kg	46 – 70 m ² A1-A2 notch	

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



QUICK AND EASY INSTALLATIONS

Luxury Vinyl Tiles

UZIN KE 66 High Temperature Adhesive, UZIN KE 2000 S Pressure Sensitive Adhesive or UZIN KE 49 HT High Temperature or Pressure Sensitive Adhesive

UZIN L3 Gold 2 Part Smoothing Compound

UZIN NC 151 Heavy Duty Smoothing Compound

UZIN L3 Gold Moisture Control

UZIN PE 360 Plus Primer

UZIN PE 280 Rapid Drying Primer

UZIN L3 Gold Primer**

UZIN PE 404 Rapid Moisture Suppressant**

Residual Moisture in Cement Screed below 75% RH*

Residual moisture in Cement Screed up to 98% RH

Residual Moisture in Cement Screed up to 95% RH

CEMENTITIOUS SUBSTRATES

One of the most common substrates in new build housing is sand and cement screeds, which have been used as a traditional material for many years. Although cement screeds deliver a suitable surface they can cause delays to the build schedule as they're often poured at thicker depths, therefore containing more residual moisture. UZIN have rapid drying products for both damp and dry cementitious screeds to allow for a quicker installation.

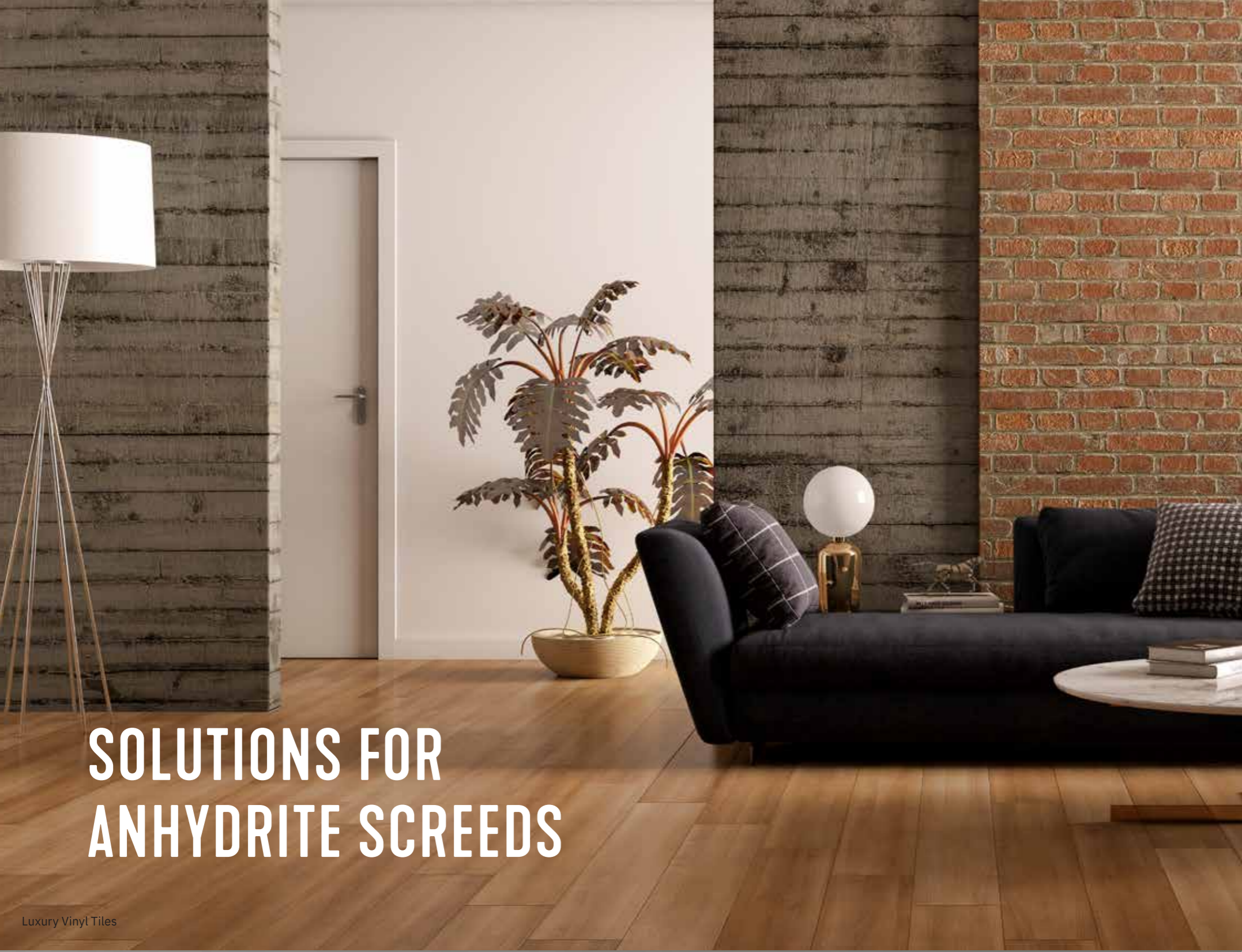


WOLFF Moisture Testing

Our sister brand, WOLFF Tools, have a range of tools that can help with the preparation of cement substrates and floor installations. The WOLFF GM 200 helps check for residual moisture in concrete, anhydrite, cement and wooden substrates. To determine where best to place a humidity sleeve or hygrometer box, the substrate can be measured using a GM 200 to highlight the highest readings. The light and easy to use, hand held instrument provides a quick, non-destructive moisture reading.



* When installing wooden floors the moisture reading must be less than 65% RH.
** Only for residual moisture, a structural DPM must also be present. Only suitable up to 90% RH when underfloor heating is present. Please see the product data sheets for more information.



SOLUTIONS FOR ANHYDRITE SCREEDS

Luxury Vinyl Tiles

UZIN KE 66 High Temperature Adhesive, UZIN KE 2000 S Pressure Sensitive Adhesive or UZIN KE 49 HT High Temperature or Pressure Sensitive Adhesive

UZIN NC 110 Gypsum Smoothing Compound



Dry Anhydrite Screed below 75% RH**



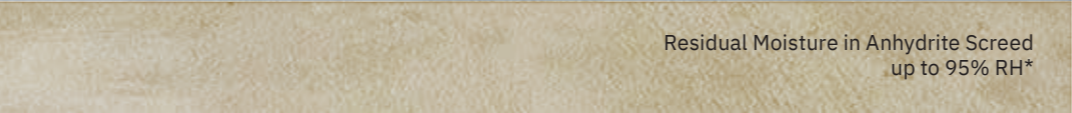
UZIN PE 280 Rapid Drying Primer



PE 404 Rapid Moisture Suppressant



UZIN PE 425 Reinforcement Primer



Residual Moisture in Anhydrite Screed up to 95% RH*

ANHYDRITE SCREEDS

Anhydrite screeds are made from aggregates such as sand, with a binder system based on calcium sulphate. Consequently they can look very similar to sand and cement screeds, although they tend to look a little paler in colour.

The industry has seen a growth in the use of anhydrite screeds as they can provide a cost effective alternative to labour intensive sand and cement screeds. As these types of screeds are pumpable and contain a considerable amount of water, they may take a long time for the residual moisture to escape. With this in mind, UZIN have developed a unique system to protect the floor covering against residual moisture up to 95% RH*. The system ensures any projects can be completed to schedule and helps prevent delays.



WOLFF Grinding Machines

Prior to the application of the floor covering, the screed must be free from contamination or laitance, which will impair the adhesion of any products subsequently installed. Such substances must be removed by mechanical means, such as a WOLFF NEO 230 grinding machine with ES-5K 20 diamond segments. The WOLFF NEO 230 is exceptionally powerful and saves floor contractors' time when removing deleterious material. For anhydrite screeds it is particularly important to grind down to expose the fine aggregate of the screed. With calcium sulphate dust particles being very fine, a good vacuum extraction system should be used in conjunction with the grinding machine, such as the WOLFF Pre-separator and Vacuclean 2, a powerful industrial vacuum. Once the contamination or laitance has been removed, the screed should be thoroughly vacuumed before further work commences.



* Up to 95% RH for anhydrite screeds and suitable for under floor heating up to 90% RH (see the product data sheets). A structural DPM must also be present.

** When installing wooden floors the moisture reading must be less than 65% RH.



SOLUTIONS FOR TIMBER FLOORS

Luxury Vinyl Tiles

UZIN KE 66 High Temperature Adhesive, UZIN KE 2000 S Pressure Sensitive Adhesive or UZIN KE 49 HT High Temperature or Pressure Sensitive Adhesive

UZIN RR 620 Underlay*

UZIN NC 196 Fibre-reinforced Smoothing Compound

UZIN PE 630 Filler & Primer

Flooring Grade Chipboard P4 - P7 or Flooring Grade Plywood

Wooden Floorboards, Chipboard P4 - P7 or Flooring Grade Plywood**

TIMBER

Fibre reinforced smoothing compound system

Timber substrates such as floorboards and chipboard have to be securely fitted to joists to ensure little to no movement. P4 – P7 flooring grade chipboard is also one of the most common timber substrates used in new build housing. UZIN have solutions for quick and easy fitting for any type of timber substrate. The system of UZIN PE 630 primer and UZIN NC 196 smoothing compound allow flat surfaces to be created over timber substrates which contain joints. UZIN PE 630 fills, smooths and primes to deliver a smooth surface whilst UZIN NC 196 is a fibre reinforced smoothing compounds to provide flexibility over any slight movement.

Comfort underlay system

Ensure the subfloor is clean, smooth and free from ridges, hollows or debris that would prevent full adhesion of the underlay or would reflect through to the floor covering. UZIN PE 260 primer maybe required for porous or dusty floors. Plan UZIN RR 620 sheet widths so that they do not coincide with those in the floor covering. Butt-join or overlap and cut the seams dependent on the lengths to be laid. Apply the underlay self-adhesive side down, expel any trapped air and cut in neatly. Avoid using small, in-fill pieces. The underlay must be adhered to the subfloor and the floor covering must be adhered to the underlay using only the recommended UZIN adhesive(s).



WOLFF Cordless Tools

WOLFF Tools new cordless tool range is perfect for the housing sector. Easy to use but without the restraints of cords. The 18V machines provide little noise when used and can be transported easily from house to house on site without the hassle of hauling a transformer around. The WOLFF Power X Mixer is a flexible 3 speed mixer that is ideal for mixing smoothing compounds. The battery operated mixer can be used away from plug sockets providing a lot more freedom. The Piranha door saw allows contractors to precisely trim doors as well as cut door frames whilst in situ. All the WOLFF battery powered tools include two batteries which only take approximately 30 minutes to charge and give a 25 minute battery life.



* UZIN RR 620 is only suitable for P4-P7 flooring grade chipboard and must be free from contamination, sound, load bearing and free from any cracks or deformation. The chipboard may need to be primed with a neat coat of UZIN PE 260 before installing UZIN RR 620, please see the product data sheet for more information.
** 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.

QUICK, EASY AND COST EFFECTIVE

Luxury Vinyl Tiles

UZIN KE 66 High Temperature Adhesive, UZIN KE 2000 S Pressure Sensitive Adhesive or UZIN KE 49 HT High Temperature or Pressure Sensitive Adhesive

UZIN RR 620 Underlay*

P4 - P7 Chipboard & Flooring Grade Plywood

LVT INSTALLATION OVER CHIPBOARD & FLOORING GRADE PLYWOOD!

For quick and cost effective installation over flooring grade chipboard & plywood, UZIN RR 620 Underlay is ideal. It is a flexible, acoustic grade underlay for the installation of luxury vinyl tiles. The self-adhesive underside allows for quick and easy application whilst providing a reliable surface for the floorcovering. The low build up height means issues arising from floor height are less likely, and once installed it is immediately ready to receive floor coverings.

In certain surroundings such as social housing or domestic environments, noise and underfoot comfort are an important consideration. UZIN RR 620 provides acoustic insulation and underfoot comfort on poorly insulated surfaces. UZIN RR 620 is the perfect addition to any new house build. UZIN RR 620 is packaged in rolls which allow easy transportation throughout the house, including up narrow staircases.



WOLFF RailCut

The Wolff RailCut is ideal for cutting seams in resilient floor coverings as well as cutting borders and design work for LVT. The precision and accuracy allows for a perfect cut and the rail can be extended allowing larger cut's to be made. With the Wolff RailCut, you are able to set the height of the blade to give an even depth cut. Using the RailCut will ensure that you will not cut through the UZIN RR 620 or damage the surface. With an ergonomic shape and comfortable grip, it is suitable for both right and left handed users.



* UZIN RR 620 is only suitable for P4-P7 flooring grade chipboard and flooring grade plywood and must be free from contamination, sound, load bearing and free from any cracks or deformation. The chipboard may need to be primed with a neat coat of UZIN PE 260 before installing UZIN RR 620, please see the product data sheet for more information



Luxury Vinyl Tiles

UZIN KE 66 High Temperature Adhesive, UZIN KE 2000 S Pressure Sensitive Adhesive or UZIN KE 49 HT High Temperature or Pressure Sensitive Adhesive

UZIN NC 151 Heavy Duty Smoothing Compound

UZIN PE 360 Plus Primer

Cement Screed with underfloor heating with residual moisture below 75% RH*

UZIN PE 280 Rapid Drying Primer
PE 404 Rapid Moisture Suppressant

Cement Screed with underfloor heating with residual moisture below 90% RH**

UZIN PE 360 Plus Primer

Anhydrite Screed with underfloor heating with residual moisture below 75% RH*

UZIN NC 110 Gypsum Smoothing Compound

UZIN PE 280 Rapid Drying Primer
PE 404 Rapid Moisture Suppressant

UZIN PE 425 Reinforcement Primer
Anhydrite Screed with underfloor heating with residual moisture below 90% RH**

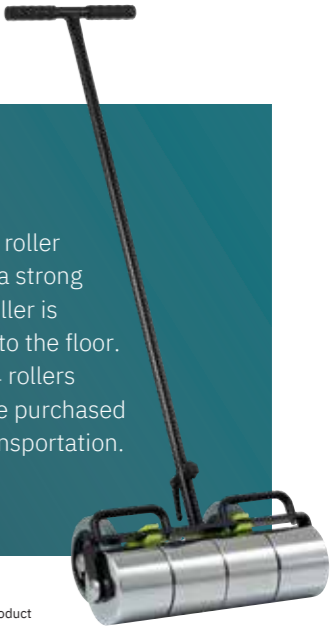
UNDERFLOOR HEATING

To reduce CO₂ emissions, the UK Government has announced plans to make all new build homes gas free from 2025. Combining solar panels, air source heat pumps and underfloor heating will allow this to happen in the country's transition towards net zero. UZIN have systems for warm water underfloor heating, but it is important to ensure the underfloor heating has first been commissioned in accordance with the manufacturers guidelines or British Standards before the floor is installed.



WOLFF Pressure Roller

Once LVT has been installed, a 68 kg pressure roller should be used to roll over the floor to ensure a strong bond is achieved. The Wolff 68 kg Pressure Roller is fitted with 4 small rollers that adjust perfectly to the floor. The very narrow spaces between each of the 4 rollers helps avoid blistering. Transport wheels can be purchased separately which allows for quick and easy transportation.



* When installing wooden floors the moisture reading must be less than 65% RH.
** Only for residual moisture, a structural DPM must also be present. Please see the product data sheets for more information.



FOR PERFECT RESULTS

Luxury Vinyl Tiles

UZIN KE 66 High Temperature Adhesive, UZIN KE 2000 S Pressure Sensitive Adhesive or UZIN KE 49 HT High Temperature or Pressure Sensitive Adhesive

UZIN NC 196 Fibre-reinforced Smoothing Compound

UZIN PE 360 Plus Primer

Dry Cement or Gypsum Screed Boards

SCREED BOARDS

Screed boards provide good acoustic and thermal insulation as well as being lightweight and quick to install. They are typically made of either cement or gypsum. Regardless of the composition, UZIN have solutions to install new floor coverings. First the screed boards need to be coated with UZIN PE 360 Plus primer before UZIN NC 196 fibre reinforced smoothing compound is applied. The LVT can then be installed with a suitable UZIN adhesive.



WOLFF Hole cutter

The Wolff Hole Cutter is ideal for making holes for heating pipes when installing LVT or vinyl. The tip is made from high quality HSS Steel and has scaled grooves to show the desired holes diameter. The tip can also be taken off and fixed onto power drills if required. The Wolff Hole Cutter is available in two sizes, an 8 mm to 20 mm diameter and an 16 mm to 30.5 mm diameter.



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**“With our expert technical support,
a range of quality everyday products
and unique systems, we provide
solutions for any project.”**

Marc Lawrence,
Head of Technical & Product Management