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CALCIUM SULPHATE SCREEDS NEED UZIN!

Flooring installation systems for anhydrite,
gypsum or calcium sulphate screeds



UZIN. THE FLOOR BELONGS TO YOU.





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WHY USE UZIN?

CALCIUM SULPHATE SCREEDS NEED UZIN.

Calcium sulphate screeds, also known as anhydrite or gypsum screeds are becoming more popular because they provide a cost effective and eco-friendly alternative to labour intensive sand cement screeds. UZIN produces a range of mutually compatible calcium sulphate based products such as smoothing compounds and feather repair as well as primers, adhesives and a unique damp proofing system. We also have solutions to repair cracks and artificial joints. The entire range allows architects,

main contractors or flooring contractors' flexibility and reliability, confident in the knowledge that our systems have been rigorously tested and used in a number of projects across the UK.

PROJECTS CAN NOW BE EXPEDITED.

Waiting for damp anhydrite screeds to dry are now a thing of the past. UZIN has developed a solution to protect calcium sulphate screeds against residual moisture up to 95% RH. The system allows projects to be completed much quicker and avoids delays.

TECHNICAL SUPPORT.

UZIN is renowned for problem solving solutions and technical service, visiting building sites and providing expert advice. We can also help you with moisture testing and provide written specifications for any of your projects.

ALL YOUR FLOORING NEEDS.

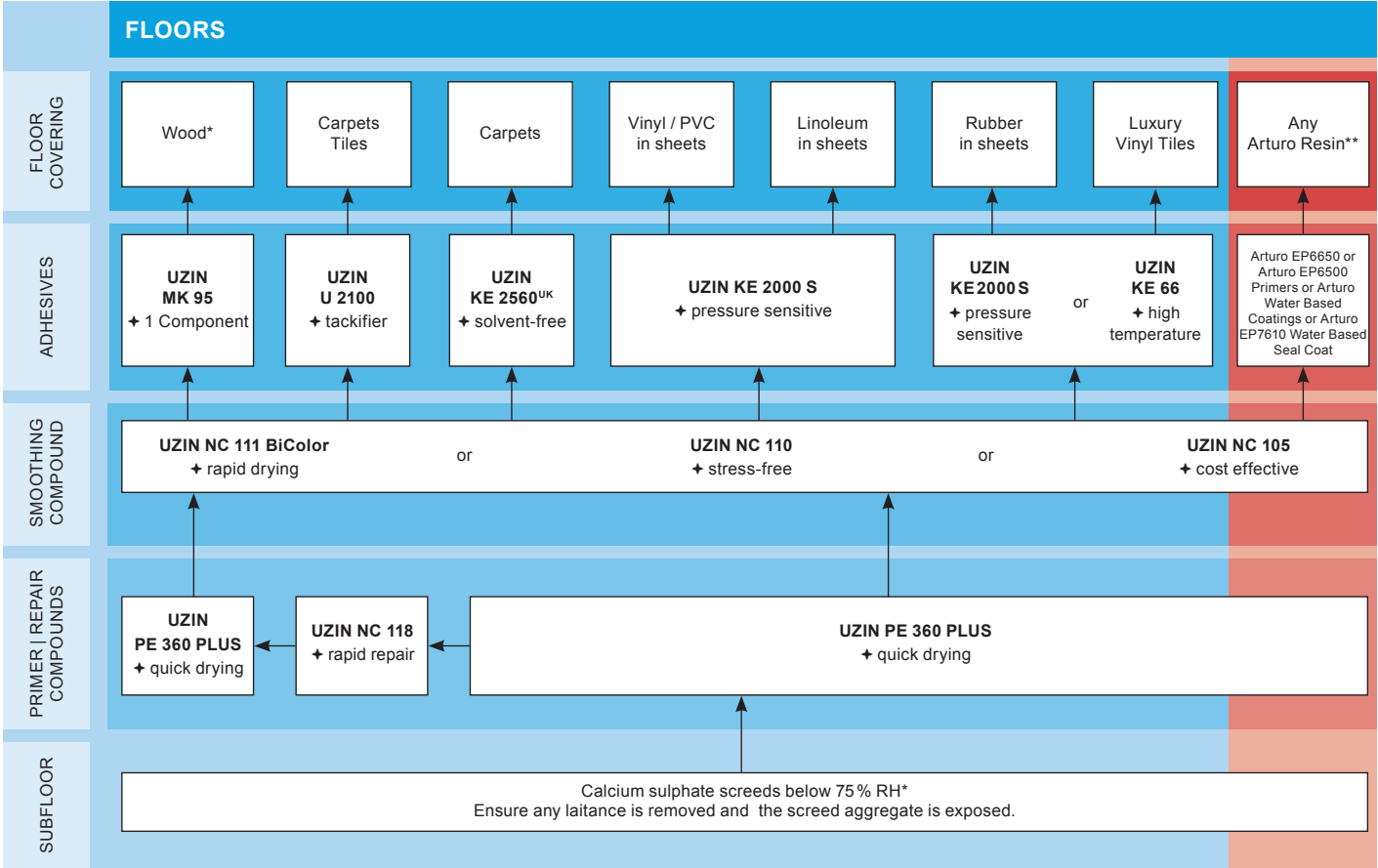
Uzin Utz UK Ltd. is recognised worldwide as leading manufacturer of flooring, resin and ceramic products across all sectors of industry. The natural collaboration between our brands, UZIN (screeds & adhesives), codex (ceramic industry), Arturo (decorative resin flooring), WOLFF (machinery), and PALLMANN (lacquers and oils) enables us to provide combined systems for a wide range of projects from renovation and refurbishment to new build schemes.

Industry Accreditations





CALCIUM SULPHATE SCREEDS BELOW 75 % RH*



*For wood floors the calcium sulphate screed must be below 65 % RH.
 **Please contact us and we can provide a specification upon your requirements.

The recommendations described should only be used as a guide. Detailed product data sheets are available from www.uzin.co.uk which should be used as a reference when using the products.

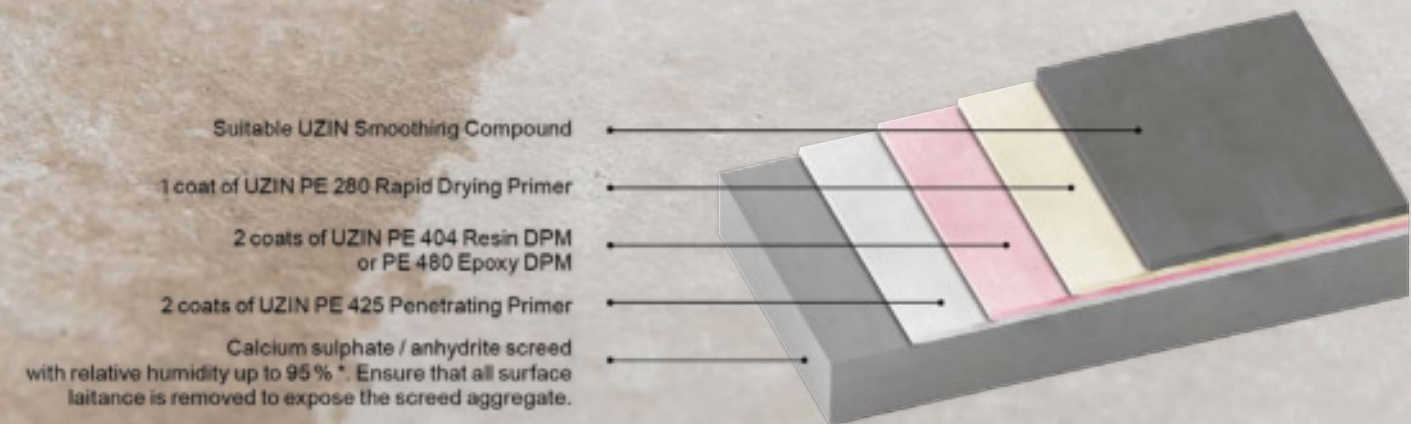


DPM SYSTEM FOR CALCIUM SULPHATE SCREEDS

PROTECT ANHYDRITE SCREEDS AGAINST RESIDUAL MOISTURE UP TO 95 % RH*

UZIN is renowned for pioneering innovative products to help support screeding contractors and builders. To help expedite projects we have developed a unique system to protect calcium sulphate screeds against residual moisture up to 95 % RH*. A first for the industry!

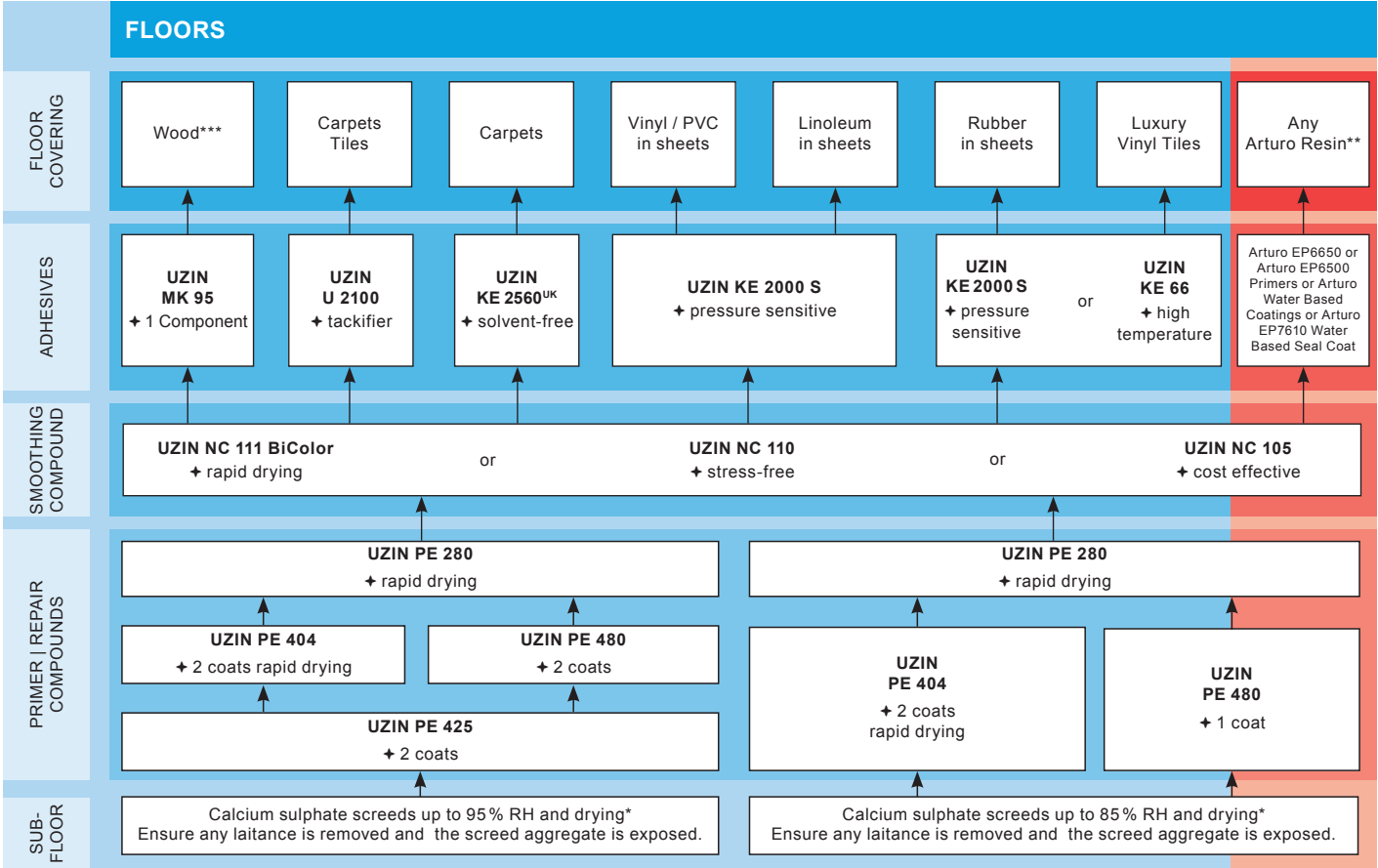
Whether in a new build or refurbishment, protecting against sub-floor moisture is critical for ensuring the success of any final floor finish. Our DPM system for anhydrite, calcium sulphate and gypsum screeds ensures any projects can be completed to schedule and helps prevent delays. With our expert knowledge, product range and technical service we have the capability to overcome any problems or difficulties you may face on site.



*Up to 95 % RH for calcium sulphate screeds and suitable for under floor heating up to 90 % RH (see the product data sheets for all products).

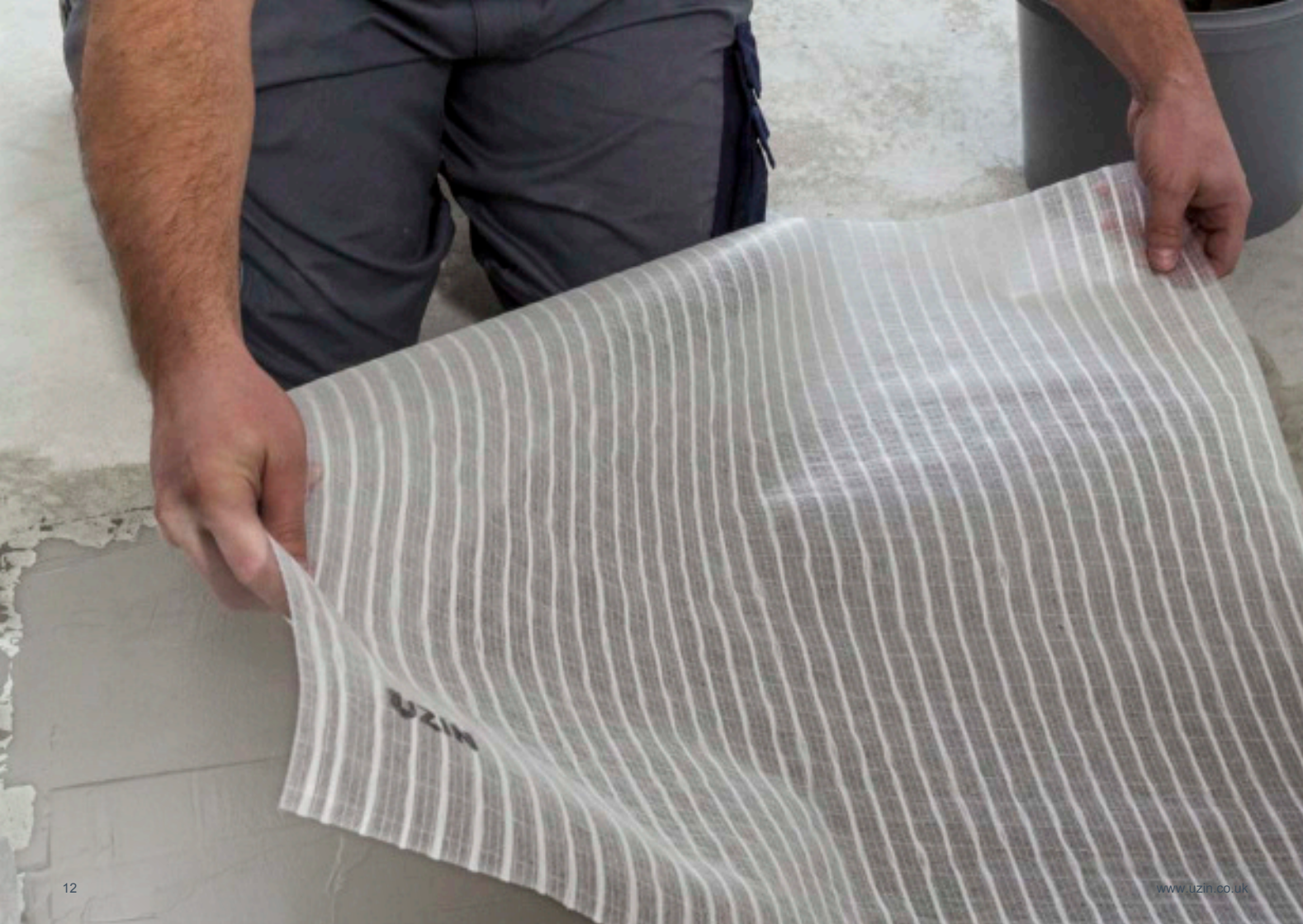


CALCIUM SULPHATE SCREEDS READING 75 % RH AND ABOVE*



*Only suitable for under floor heating up to 90% RH and in conjunction with UZIN PE 425.
**Please contact us and we can provide a specification upon your requirements.
***When installing wood floors use these systems if the calcium sulphate screed is reading 65% RH and above.

The recommendations described should only be used as a guide. Detailed product data sheets are available from www.uzin.co.uk which should be used as a reference when using the products.



CRACK & JOINT REPAIR SYSTEMS FOR CALCIUM SULPHATE SCREEDS

Floors need to be installed quickly and be available to other trades in the shortest time possible. Cracks may develop within anhydrite screeds depending on the climate and site conditions, which can cause problems and delays. Cracks and expansion joints must be closed prior to the installation of the new floor covering. UZIN's range of crack repair systems are ideal for remedial repairs and allows screeds to be renovated quickly and easily.

Multiple hairline cracks

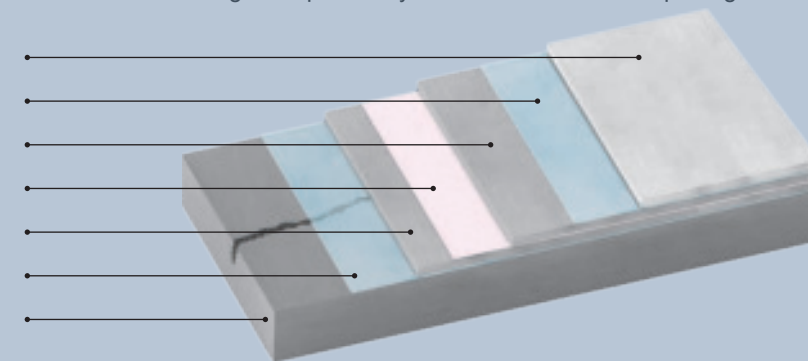
UZIN RR 201 is a fibreglass renovation fleece which has extremely high levels of tensile strength and an enormous reinforcing effect when used in conjunction with UZIN primers and smoothing compounds. The high tensile strength and slip resistance of the








fibres enables cracks in the screed to be bridged. The system is able to absorb and dissipate stresses, strains and vibrations from the subfloor. UZIN RR 201 can be used to avoid time consuming remedial work if a large amount of cracking occurs across the screed or reinforce screeds which are at risk from vibrations.

Crack & joint bridge

UZIN RR 203 or UZIN KR 516 are perfect for repairing large singular cracks or expansion joints. Whilst UZIN KR 516 is a traditional two component resin which is used to seal cracks, UZIN RR 203 is an innovative fibreglass crack bridge available on a roll or panel. Combining UZIN NC 118 rapid repair and UZIN RR 203 crack bridge is a proven system and suitable for repairing both.

- Suitable UZIN Smoothing Compound
- Coat of UZIN PE 360 PLUS Dispersion Primer
- UZIN NC 118 Calcium Sulphate Rapid Repair
- UZIN RR 203 Crack Bridge
- UZIN NC 118 Calcium Sulphate Rapid Repair
- Coat of UZIN PE 360 PLUS Dispersion Primer
- Anhydrite / calcium sulphate screed with cracks



PRODUCT	UZIN PE 280	UZIN PE 360 PLUS	UZIN PE 404	UZIN PE 425	UZIN PE 480	UZIN KR 516	UZIN RR 201	UZIN RR 203	UZIN NC 118
									
DESCRIPTION	Carbon Primer	Dispersion Primer	Rapid Drying PU DPM / Primer	Epoxy Penetrating Primer	Epoxy DPM	Crack Repair Resin	Renovation Fleece	Crack Bridge	Calcium Sulphate Rapid Repair
PACK SIZE	5 kg & 12 kg	5 kg & 10 kg	10 kg	2 x 3 kg	5 kg & 10 kg	6 x 300 ml bottles A 6 x 300 ml bottles B*	75 m x 1.05 m roll & 25 m x 1.05 m roll	50 panels (0.80 m x 0.60 m) & 30 m x 0.8 m roll	20 kg
APPROX. CONSUMPTION*	70 – 150 g/m²	80 – 120 g/m²	125 – 165 g/m²	50 – 200 g/m²	250 – 500 g/m²	approx. 100 ml / linear metre for narrow cracks			1.5 kg/m²/mm (for use up to 10 mm)
SET FOR FOOT TRAFFIC*	Approx. 45 minutes	Approx. 1 hour	Approx. 60 to 90 minutes per coat	First coat: Approx. 1 – 2 hours Second coat: Approx. 12 – 48 hours	Approx. 12 to 24 hours per coat	45 minutes			Approx. 30-45 minutes
READY FOR COVERING*	Approx. 45 minutes	Approx. 1 hour	Approx. 60 to 90 minutes per coat	After the second coat: Approx. 12 – 48 hours	Approx. 12 to 24 hours per coat	45 minutes			Approx. 2 hours
STRENGTH CLASS (28 DAYS) BS EN 13892-2									C30 / F6

*Dependant on the temperature and humidity as well as the thickness applied and type of floor covering installed. Please consult the product data sheet for each product before use.

UZIN NC 105	UZIN NC 110	UZIN NC 111 BiColor	UZIN KE 66	UZIN KE 2000 S	UZIN KE 2560 ^{UK}	UZIN MK 95	UZIN U 2100	ARTURO EP6650	ARTURO EP3020	ARTURO EP7610
										
Calcium Sulphate Smoothing Compound	Premium Calcium Sulphate Smoothing Compound	Rapid Drying, Colour Changing Calcium Sulphate Smoothing Compound	High Temperature Adhesive for Vinyl, Rubber & Luxury Vinyl Tiles	Pressure Sensitive Adhesive for Vinyl, Rubber, Lino & Luxury Vinyl Tiles	Carpet Adhesive	Wood Adhesive	Carpet Tile Adhesive	Water-based, Epoxy Primer	Water-based Epoxy Floor Coating available in various colours	Water-based Epoxy Seal Coat with a matt finish
25 kg	25 kg	25 kg	6 kg & 14 kg	6 kg & 14 kg	14 kg	16 kg	10 kg	3.75 kg & 7.5 kg	10 kg & 25 kg	4 kg & 10 kg
1.6 kg/m²/mm (1 to 15 mm)	1.5 kg/m²/mm (1 to 50 mm)	1.7 kg/m²/mm (1 to 10 mm)	240 – 280 g/m² depending on the notch sized used	180 – 380 g/m² depending on the notch sized used	350 – 475 g/m² depending on the notch sized used	1000 –1200 g/m²	50 – 100 g/m²	75-150 g/m² per coat	100 – 250 g/m²	100 – 120 g/m²
Approx. 3 hours at 3 mm	Approx. 2 hours at 3 mm	Approx. 2 hours at 3 mm	Approx. 24 hours	Approx. 24 hours	Approx. 24 hours	Approx. 12 hours	Approx. 30–60 minutes	Approx. 8 hours	Approx. 6 hours	Approx. 16 hours
Approx.24 hours at 3 mm. For each additional 1 mm allow an extra 24 hours	Approx. 20 hours at 3 mm. For each additional 1 mm allow an extra 24 hours	Approx. 6 to 30 hours depending on the thickness & floor covering					Approx. 30–60 minutes	Approx. 8 hours	Approx. 16 hours	Approx. 24 hours
C25 / F6	C35 / F7	C50 / F10								