

pro-screed

Dura

2 part **fast setting** latex polymer **levelling & smoothing** compound

- **Fast setting**
Walk on after 2 hours
Install floorcoverings after 6 hours
- **Application depth**
2-15mm
- **Long open time**
For ease of use
- **Excellent flow**
And application properties
- **Suitable for use**
With underfloor heating systems over solid substrates
- **Very low odour**
- **Protein, ammonia & casein free**

DESCRIPTION

Pro-Screed Dura is a fast-setting 2-part latex polymer levelling and smoothing compound with excellent flow and adhesion properties.

Pro-Screed Dura is fast setting and can receive foot traffic after as little as 120 minutes and floorcoverings can be installed after just 6 hours or only 4 hours for Ceramics.

Pro-Screed Dura can be applied from depths of 2mm to 15mm in one application.

Pro-Screed Dura is suitable for application with most underfloor heating systems over solid substrates, (embedded within screed).

USES/SUBFLOORS

Pro-Screed Dura is suitable for smoothing and levelling most internal subfloors including:

Concrete, cement/sand screed, flooring grade asphalt/bitumen, stone, ceramic, porcelain or terrazzo tiles, rigid vinyl tiles, tile backer boards, epoxy damp proof membranes and calcium sulphate/anhydrite screeds. Please see notes on Priming.

Pro-Screed Dura is suitable for application over heated screeds, provided a maximum temperature of 27°C is not exceeded.

If in any doubt as to the suitability of Pro-Screed Dura for the installation, please contact our technical department or carry out tests to establish suitability.



SPECIFICATION

Screed Type:	Cement Polymer mix
Colour:	Beige
Flashpoint:	Non-Flammable
Coverage:	Approx. 4.5m ² @ 3mm
Compression Strength:	CT-C25-F7
Application Temperature:	+5°C to +27°C
Working Time:	Approx. 25 Minutes depending on temperature, humidity and subfloor
Walk on Time:	2 Hours
Install Time Tiles Resilient floorcoverings	4 Hours 6 Hours
Storage & Shelf Life:	12 months in original unopened packaging stored between +5°C and +30°C.
Container Size:	20kg Bag 4.5 Litre Polybottle

DIRECTIONS FOR USE

IMPORTANT

Before using F5DURA Pro-Screed Dura please refer to the safety data sheet, available at www.floorwise.co.uk

SURFACE PREPARATION

Subfloors should be sound, clean, dry and free from rising damp, grease, loose material and surface laitance.

When installing moisture sensitive floorcoverings, and before levelling with Pro-Screed Dura, the concrete or sand/cement screed should be confirmed dry by consistent moisture readings; <75% relative humidity (RH) or <0.5% residual moisture when tested in accordance with BS 8203. A liquid damp-proof membrane is recommended to be applied in areas with rising damp and/or where residual moisture levels are above 75% up to 98%.

Pro-Screed Dura is suitable only on underfloor heating systems embedded within screeds. New heated screeds should be commissioned before installing any floorcovering. Heat up should not begin for 21 days after laying cement/sand screeds, or 7 days after laying calcium sulphate screeds.

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SURFACE PREPARATION (continued)

The commissioning process should be carried out in accordance with the recommendations of the screed manufacturer and be continued until the screed is confirmed dry. After commissioning and ascertaining moisture levels, if time scales do not allow adequate drying of the screed to occur, a liquid damp-proof membrane should be applied to the surface. Underfloor heating systems must be switched off 48 hours before application.

Existing stone, ceramic, porcelain and terrazzo tiles should be well bonded to a structural solid base and must be able to take the additional weight of the **Pro-Screed Dura** levelling compound. Although unaffected by dampness, the joints between the tiles and the tiles themselves might be sufficiently permeable to allow moisture penetration to the back of the floorcovering. When necessary, protection from moisture should be provided by covering the surface with a liquid damp-proof membrane.

PRIMING

Priming is required and will help the flow and prolong the working time, especially in areas with high porosity. Priming also helps reduce the formation of pinholes. **Pro-Screed Prime** is suitable for cement/sand screed, concrete subfloors and tile backer boards. Use **Pro-Screed Prime & Grab** for flooring grade asphalt/bitumen, epoxy DPM, existing ceramic, porcelain and natural stone tiles.

For calcium sulphate/anhydrite screeds or any other type of subfloor please contact technical support.

MIXING & APPLICATION

Pour all **Pro-Screed Dura** latex liquid into a suitably clean mixing bucket. Add the powder gradually whilst mixing with an electric stirrer/power whisk at a medium setting.

When all the powder is added continue to mix for a further two minutes until a lump free consistency is obtained. Keep the whisk below the surface to minimise air entrapment. Once mixed, do not add further latex polymer liquid or water.

Pro-Screed Dura will remain workable from the mixing vessel for 25 minutes at 20°C. Ensure the subfloor temperature is above 5°C. Pour onto the prepared subfloor and trowel down lightly to the required depth between 2-15mm.

The immediate use of a spiked roller is recommended in order to remove entrapped air and smooth out flow lines.

Setting times will depend on atmospheric conditions and temperatures. It will be slowed by lower temperatures and accelerated by higher temperatures.

When applying **Pro-Screed Dura** to a subfloor that is non-porous or impervious, **Pro-Screed Dura** should be applied to a minimum of 3mm.

When applying **Pro-Screed Dura** in layers, allow each layer to dry fully before pouring the next mix. Priming between layers with a diluted coat of **Pro-Screed Prime** is recommended in this instance to maximise the compounds flow and surface finish. Always make sure that the layer on top is thinner than the layer below.

Pro-Screed Dura is suitable to be pump applied.

DRYING TIME

In ideal conditions, **Pro-Screed Dura** can accept light foot traffic after 2 hours but must be left to dry before applying the final decorative surface. This is typically 6 hours for flooring such as vinyl and 4 hours for ceramic tiles.

Thicker applications may require a longer time to dry. If there is no or limited airflow within the building, drying times may be affected.

COVERAGE

Coverage will vary dependent on the type and texture of the subfloor. As a guide, a 20kg bag/4.5 Litre **Latex Liquid** when used on smooth surfaces will provide the approximate coverage rates:

Thickness	Approximate Coverage
2mm	6.75m ²
3mm	4.5m ²
5mm	2.7m ²
10mm	1.35m ²
15mm	0.90m ²

CLEANING

Clean tools and mixing vessels immediately after use with clean water.

STORAGE

Powder - store in unopened bags, clear of the ground in cool, dry conditions. Protect from excessive draught and use within 12 months of the date stamped on this package.

Liquid - store in frost-free conditions, out of direct sunlight and use within 12 months of the date stamped on the bottle.

DISPOSAL


Dispose of empty bags or surplus product safely in accordance with local authority regulations. Set and hardened product may be disposed of as builders' waste.

Do not allow fresh or hardened mortar to enter drain or sewage systems.

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HEALTH & SAFETY GUIDANCE

4.5L 20KG	F5DURA Pro-Screed Dura 2 part Latex Polymer Levelling & Smoothing Compound	UN1950
<p>Pro-Screed Dura is not classified as hazardous. Follow advice stated on the safety data sheet which can be accessed via our website www.floorwise.co.uk or by scanning the QR Code:</p> 		
<p>KEEP OUT OF THE REACH OF CHILDREN</p>		
<p>Label in accordance with (EC) No. 1272/2008</p>		

Technical Helpline
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DISCLAIMER

NOTE: Floorwise Group Ltd provides all information in good faith. Our policy is one of continuous research and development, so please note that our information may be subject to updates without prior notice. Whilst assuring our products will be produced to consistently high standards, it is important to acknowledge that as we lack control over site conditions or the standard of work, we cannot assume liability for any resulting loss or damage.

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