KEDOPLAN SUPER 4

SELF-LEVELLING SCREED FOR INTERIOR - EXTERIOR P4/P4S FLOORS

TECHNICAL DESCRIPTION.
Self-levelling screed for interior P3 and P4 interior floors and exterior floors. For making good unevenness and irregularities in surfaces.

Thickness of application

Interior P2 floor	1 to 30 mm
Interior P3 floor	3 to 30 mm
Interior P4/P4S floor	3 to 30 mm
Exterior floor (balcony, terrace, loggia, etc.)	3 to 30 mm
Swimming pool with flat floor before laying a liner or welded PVC	3 to 10 mm
Water underfloor heating (reversible or not)	Depending on room type
Electrically-heated Floor (EHF)	Depending on room type
Calcium sulphate screed	8 mm maximum and depending on room type
Support bois	3 to 30 mm with frame

Minimum recoating time at +20°C

Left exposed	/
Tiling	6 to 8 hr
Carpet	6 to 8 hr
Glued wood flooring	24 hr
Floating wood flooring	24 hr
Floor paint	Refer to the manufacturer
Flexible flooring	12 to 24 hr

REFERENCE DOCUMENTS.
- Current NF-DTU and CPT.
- DTU 65-14, CPT 3164 and CPT 3606 for heated floors.
- CSTB certificate no. 33 S 50
- CE marked.

SUITABLE.

	Primer	Coverage	Recoating at +20°C
Porous concrete and cement screed	Prim SM Priméo FB	100 to 150 g/m² 50 to 150 g/m²	30 min to 2 hr 45 min to 24 hr
Normally porous* concrete and cement screed		WITHOUT PRIMER	
Sealed concrete and cement screed	Priméo FB	50 to 150 g/m²	45 min to 24 hr
Cement-based dry screed		WITHOUT PRIMER	
Calcium sulphate screed, plaster-based dry screed and derivatives	Priméo FB	50 to 150 g/m²	45 min to 24 hr
Asphalt screed	Priméo FB	50 to 150 g/m²	45 min to 2 hr
Tiling	Priméo FB	50 to 150 g/m²	45 min to 2 hr
Semi-flexible plastic floor tiles	Priméo FB	50 to 150 g/m²	45 min to 2 hr
Traces of acrylic, neoprene, bitumen or epoxy	Priméo FB	50 to 150 g/m²	45 min to 24 hr
Floor paint (polyurethane, epoxy)	Priméo FB	50 to 150 g/m²	45 min to 24 hr
Wooden panels CTBH, CTBX OSB2, OSB3	Priméo FB	50 to 150 g/m²	45 min to 24 hr
Strip wood flooring	Priméo FB (with frame)	50 to 150 g/m²	45 min to 24 hr

* Can be applied directly without primer onto a normally porous cement surface (without associated means of heating). Perform the water drop test: a normally porous surface absorbs a water drop in 1 to 5 min.

Uses not recommended. Continuously damp floor or industrial floor or car park.

TECHNICAL SPECIFICATIONS.
- Appearance : reddish powder.
- Composition : water-based binders, mineral fillers, specific additives.
- Powder density : 1.1
- Density of hardened mortar : 1.8

Performance measured at +20°C

Adhesion to concrete	> 1,5 MPa
Adhesion to wood	> 1,5 MPa
Compressive resistance at 28 days	30 MPa
Tensile strength at 28 days	7 MPa
Thermal stability	- 30°C to +80°C
Complies with standard NF EN 13813	YES

COVERAGE.
1.5 kg/m² and per mm thickness.

PACK SIZES.
25 kg bags.

STORAGE.
Can be stored for 6 months, unopened in the original packaging, not in contact with the ground, in a dry, lightly-ventilated place at moderate temperature

INSTRUCTIONS FOR USE

CONDITIONS FOR USE.
Application temperature : +5°C to +30°C.

Do not apply in full sun, on a warm or frozen surface or if there is a risk of frost in the hours following application.

PRECAUTIONS FOR USE.

Contains cement : gloves should be worn. Refer to the packaging.

Product labelled X irritant. Follow the precautions for use.

Safety data sheets available at www.quickfds.com

PREPARATION OF SURFACES.
The surface must have the qualities required by the NF-DTU standard, the CPT or the technical advisory note relating to it.

The surface must be clean, sound and free of any non-adhesive area or area that could hinder adhesion (mould release oil, curing powder, etc.).

Remove the curing product by sanding, shot-blasting or sandblasting.

Carefully scrape off all patches.

Apply the necessary primer. to treat concrete against rising damp, use PRIMOXY ARH (see technical data sheet).

ON A DEFORMABLE SURFACE (heated floor, wooden surfaces) and when thickly applied, lay an edge strip around the perimeter of the room and special features.

On heated floor : begin by turning on the heating (complying with current NF-DTU or CPT). Turn the heating off 48 hours before beginning work and turn it on again gradually only 48 hours after laying the flooring or grouting the joints.

On calcium sulphate-based screed : (anhydrite screed): The moisture level of the screed must be less than 1% for e1 rooms and 0.5% for E2 rooms (carbide bomb test). The screed must be free from laitance and dust.

On wooden surfaces : The floor must be stable, rigid and must not bend. It should be screwed down and strengthened, if necessary. Sand sealed wood flooring. Remove wax and varnish using steel wool.

Fill the gaps between boards using an acrylic mastic. include the screed/glue frame immersed in the thickness of the screed.

On old tiling : Remove non-adhesive items and fill using a repair mortar. Wash using a soda detergent, rinse and leave to dry. Sand if the tiles are still dirty.

On traces of bitumen-based glues : Strip using any method except solvents based on saturated fatty alcohol.

In P4 or P4S rooms : Systematically treat concrete surfaces by shot-blasting and cement screeds by abrasive sanding, following by use of an industrial vacuum cleaner.

Completely remove all old flooring (floor paint, tiling, plastic floor tiles, etc.) to get back to the concrete or cement screed surface.

Sand or shot-blast as stated above. Carry out a cohesion test on the surface before laying the screed. The value obtained must be greater than 1 MPa.

Outside : The surface must have a minimum fall of 1.5% and be covered with a suitable primer.

PREPARATION OF THE PRODUCT.
- Mix using a slow-speed electric mixer or a continuous mixing machine (check the flow rate).
- Mixing gauge: 6 to 6.2 L water per 25 kg bag.
- In cold weather, use gauging water above 10°C.

APPLICATION.

Working times at +20°C	
Open self-levelling time :	10 min
Working time of mixture :	20 min
Time between coats without inter-coating with primer	6 to 8 hr
Time before it can be walked on	3 hr
Waiting time before sanding down	8 to 24 hr

Application without primer (normally porous surface): Apply a first coat by scraping across the surface the apply the screed without delay.

On glued wood flooring : Allow the necessary time before recoating the primer applied. Cover the entire surface of the screed / glue frame with canvas held by staples (allow an overlap of 5 cm between strips). Immerse this glass fabric within the thickness of the screed. Pour the screed and spread it using a stainless steel smoothing trowel.

For a paint finish or without coating : Run the bubble-removing roller over the fresh product.

If a 2nd coat is needed, apply it after 6 to 8 hr. After this time, apply PRIM SM primer (see technical data sheet). The 2nd coat must not be thicker than the first. The total thickness of the 2 coats must be within the maximum permitted thickness for the screed.

Maintain expansion joints of the surface in the screed.

Clean tools in water while the product is fresh.

Protect the work from wind and sun during the hours following application.

SCREED FOR RENOVATION AND HEAVILY-USED ROOMS

ADVANTAGES

- Up to 30 mm in a single coat.
- Can be left exposed.
- All work.
- All types of heated floors.
- Without primer on normally porous surface.
- Can be pumped.

CSTB certificate no. 33 S 50