

Specification

- SCREED

Cementitious mortar screed at least 3 cm thick made of quickly evaporating, quick-setting binder such as **TIMER-2** or quickly evaporating and normally setting binder such as Technokolla's **KRONOS**, plus siliceous aggregates with 0 to 8 mm continuous grain size, reinforced with synthetic fibers and/or metal netting.

The resistance of screeds made of **TIMER-2** must be ≥ 25 N/mm² after 24 hours and ≥ 45 N/mm² after 28 days, while it must be possible to fix the solid and/or pre-finished parquet 24 hours after application.

The resistance of screeds made of **KRONOS** must be ≥ 30 N/mm² after 28 days, while it must be possible to fix the solid and/or pre-finished parquet 10-15 days after casting.

FS-18 fiber and/or 5x5 cm Ø 2 mm mesh galvanized reinforcing netting positioned at 1/3rd of the screed thickness.

Dosage for 1 m³ of 0 to 8 mm aggregate:

350 kg **TIMER-2**, 160 l water, 1 kg **FS-18**

250 kg **KRONOS**, 150 l water, 1 kg **FS-18**

- SELF-LEVELLING COMPOUND

Horizontal surfaces levelled with quickly evaporating and quick-setting self-levelling compound such as Technokolla's **PLAN-10** (for layers up to 10 mm thick) or **PLAN-30** (for layers up to 30 mm thick).

The self-levelling compound must possess a 35 N/mm² compressive strength after 28 days.

Amount of water per bag of product

6.25 l water (equal to 25%) for **PLAN-10**

5 l. water (equal to 20%) for **PLAN-30**

- FLOORING

Flooring in rubber, PVC, linoleum, etc., on screeds made of **TIMER-2** or **KRONOS** with no more than 2% residue humidity, using two-pack adhesive such as **RS 90** or one-pack adhesive such as **RS 30** by Technokolla.

Amount of adhesive required:

RS 90 1.2 kg/m²

RS 30 0.4 kg/m²

- Use highly resistant self-levelling compound
- Use quick-drying substrates performance
- The substrate must provide a high mechanical performance
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- The finishing degree of the substrate must be optimum and there must be no shrinkage, which would create cracks
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And we know how to solve them

- Unsuitable levelling compounds
- Excessively damp substrates
- Substrates with insufficient compressive strength
- Irregular substrates

We understand the problems

Fixing resilient floorings

Fixing resilient floorings



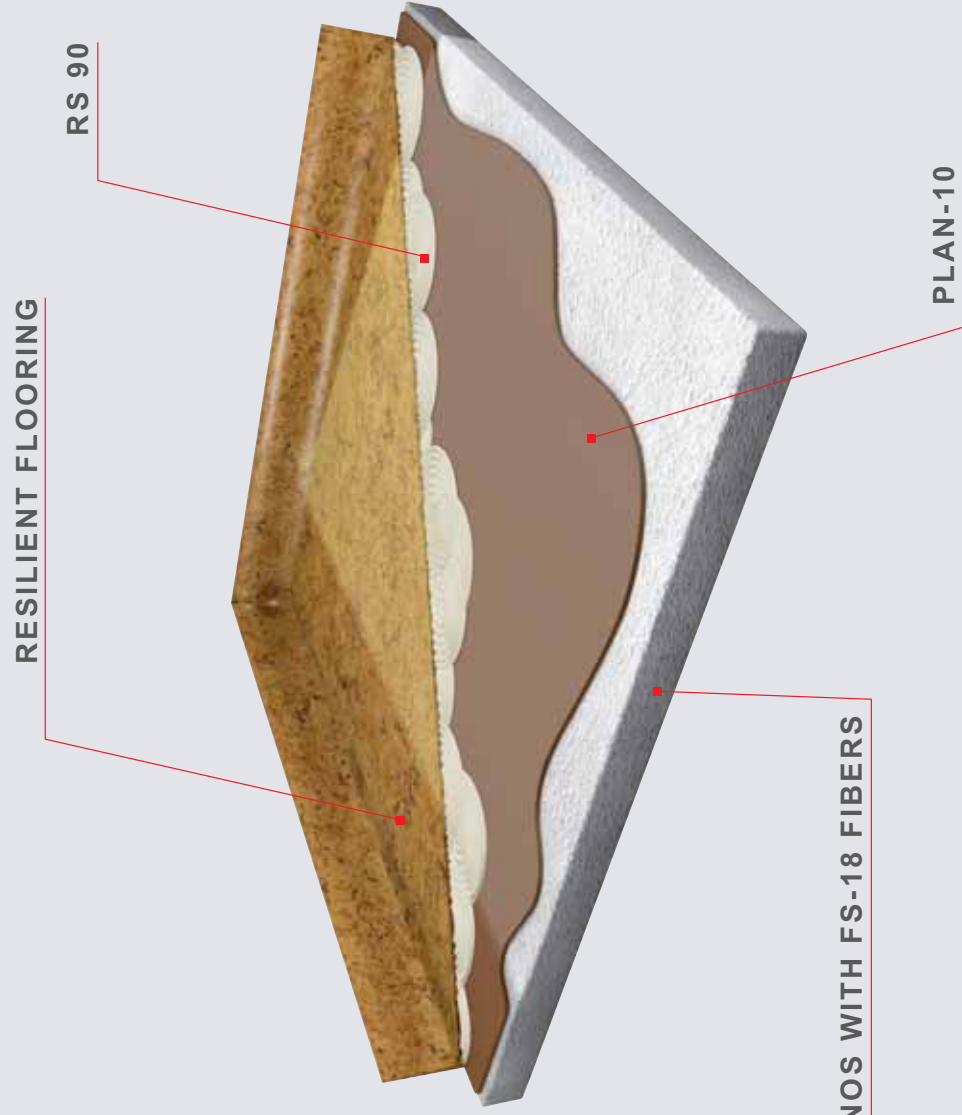
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Timer-2

The quick-setting and drying binder to use instead of cement to form indoor screeds. Shrinkage-free, it allows resilient flooring to be laid **after just 24 hours**. It can be reinforced with **FS-18** synthetic fibers and/or electrowelded netting to increase its compressive and flexural strength still further. >50 MPa compressive strength after 28 days is guaranteed. Recommended thickness min. 3, max. 8 cm.



Kronos

Binder to use instead of cement to form screeds. Guaranteed quick-setting with very low shrinkage, allowing the resilient flooring to be fixed **after about 4 days**. It can be reinforced with **FS-18** synthetic fibers and/or electrowelded galvanized netting to increase its compressive and flexural strength still further. Guaranteed >30 MPa compressive strength. Recommended thickness from 3 to 8 cm



Plan-10

The quickly evaporating and setting self-leveling compound that can be applied in **layers up to 10 mm thick** for surfacing screeds. Suitable for the application of resilient flooring. **PLAN-10** is certified by **ITC** and **CSTB** resistance class **P3**.



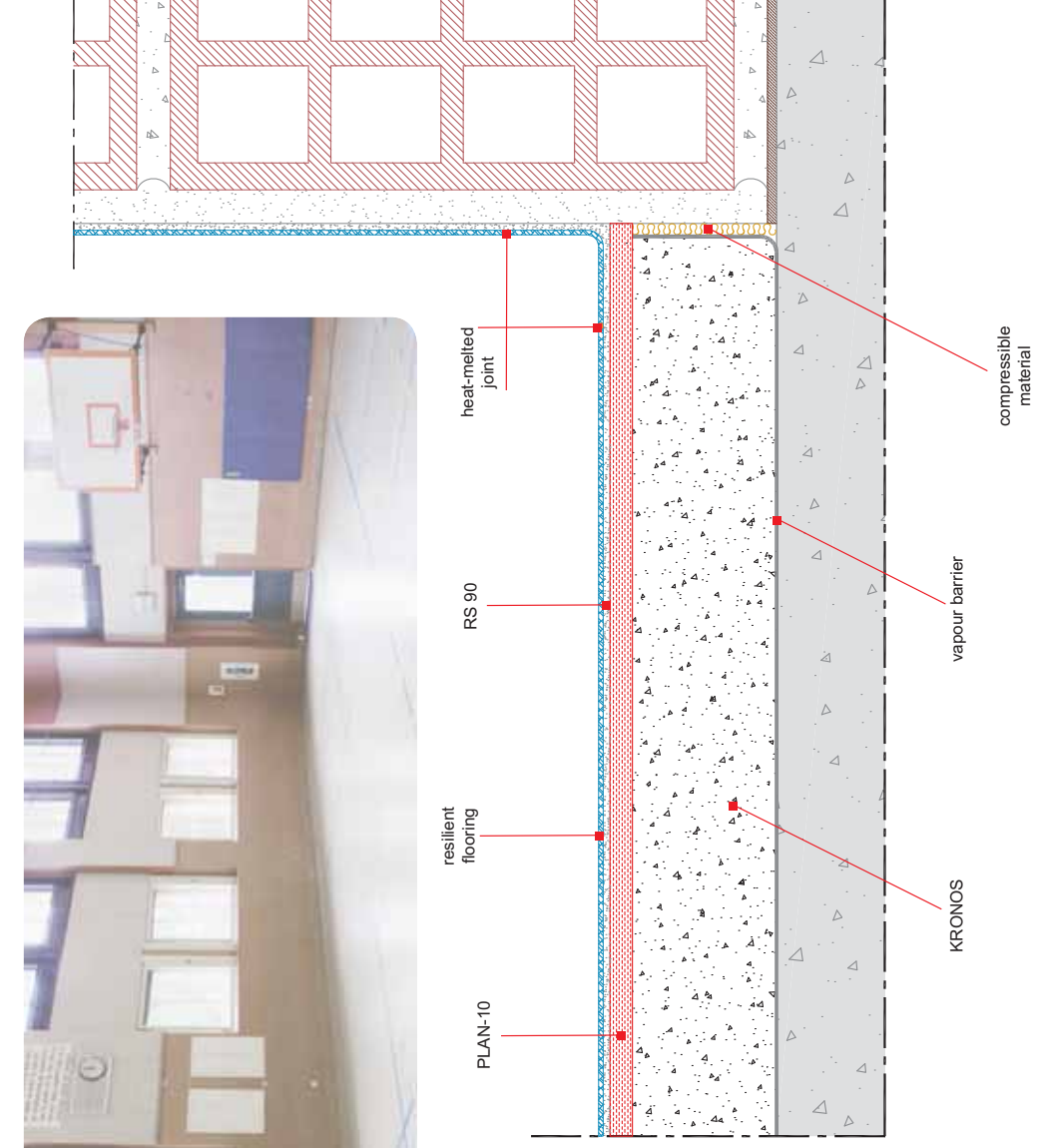
Plan-30

The quickly evaporating and setting self-leveling compound that can be applied in **layers from 5-6 to 30 mm thick** for surfacing screeds. Suitable for the application of resilient flooring.



Rs 30

The ready-to-use **one-pack** adhesive for fixing floor materials like PVC, carpeting, materials with latex foam backings, jute and linoleum.



Rs 90

Water-free **two-pack epoxy-polyurethane** adhesive for fixing parquet flooring of all types. Also suitable for fixing parquet on existing floor surfaces so long as they are non-absorbent, such as marble, tiles, etc., and on heating screeds.

Technokolla
system
design
systems

Technical
Drawings