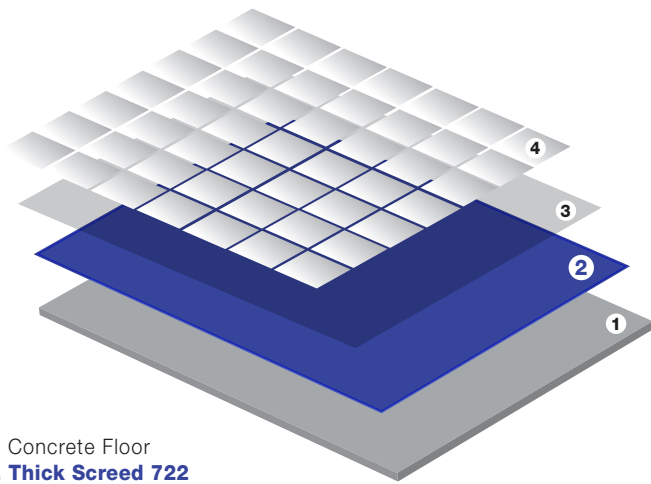




THICK SCREED 722

Cementitious Floor Screed

SYSTEM DIAGRAM



1. Concrete Floor
2. Thick Screed 722
3. Dura Bond 362
4. Tile

DESCRIPTION

Cementitious floor screed with controlled shrinkage which can apply 50 mm in one layer

USES

- Base troweling screed for tiling, timber floor or self levelling compound

BENEFITS

- Shrinkage compensated to reduce cracks
- Can build up to 50 mm in one coat
- Compatible to cementitious waterproofing system

COMPLIED STANDARD

- EN 998, EN 1015, EN 13813

TECHNICAL PROPERTIES

Technical Properties	Value
Adhesive Strength	> 0.5 N/mm ²
Compressive Strength	> 25 N/mm ²
Flexural Strength	> 4 N/mm ²
Water Retentivity	> 97%
Dry Shrinkage	< 1 mm/m
Abrasion Resistance	Good

RECOMMENDATION

- Combine with **Bond series** and **Fill series** for tiling system
- Expansion joint is need for every 5 m
- When multiple coat is applied, leave the undercoat coarse to enhance adhesion between layers
- **Mortar Buddy 152**, modified cement slurry is recommended to use when apply on old or smooth concrete

STORAGE

Shelf life is 6 months if stored in dry and cool place

PACKAGE

Approx. 40kg



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PHYSICAL FEATURES

Physical Properties	Feature
Water Demand	5.6 – 7.2 L (14 – 18%)
Consumption	1.8 kg/m ² /mm
Binder	Cement, Green Binders
Aggregate Size	4 mm
Application Thickness	15 - 50 mm per coat
Pot Life	1 hour

APPLICATION

SUBSTRATE PREPARATION

- Substrate should be free from mould oil, grease, loose particles and contamination of foreign materials
- Dampening of concrete substrate is recommended during hot climate
- Levelling pad should be made for desired thickness
- **Mortar Buddy 152**, modified cement slurry is recommended to use when apply on old or smooth concrete

MATERIAL PREPARATION

- Mix 1 bag of 40kg **Thick Screed 722** with 5.6 – 7.2 L water for at least 3 minutes by electrical mixer until homogeneous consistency
- Apply up to 50 mm thickness in one coat. After the first coat is hardened, 3 coats can be build-up and total thickness up to 150 mm
- 1-2 m long strip for leveling should be used
- After the screed is hardened, cut the expansion joint in required width

CURING

- Natural air curing is sufficient
- Recommended to apply water curing when top coat apply in next 2 days

SAFETY

Wear NIOSH approved facemask during mixing as to avoid inhaling of dust.

May cause irritation to eyes and skin:

1. In case of contact with eyes, rinse immediately with water and seek for medical advice if needed.
2. In case of contact with skin, rinse immediately with soap and water. To seek medical advice if needed.

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