

SCREED-100

Floor leveling cement mortar

Description

SCREED-100 is a pre-mixed cement mortar providing:

- Low weight.
- Satisfactory strength.
- Excellent workability.
- Smooth surface.

It replaces non-reinforced concrete or gas-concrete in indoor or outdoor areas. Application thickness may be up to 10 cm per layer.

It is classified as CT-C7-F3-A12 according to EN 13813.

Fields of application

- Filling and leveling of floors to be covered with tiles, marble, wood, parquet etc.
- Cement mortar grade for terraces and outdoor areas.

Technical data

Form:	cementitious powder
Color:	grey
Water demand:	3.75 l/25 kg bag
Bulk density of dry mortar:	1.74 ± 0.,10 kg/l
Bulk density of fresh mortar:	1.60 ± 0.20 kg/l
Compressive strength:	9.90 ± 1.00 N/mm ²
Flexural strength:	3.60 ± 0.30 N/mm ²
Wear resistance:	9.24 cm ³ /50cm ²
Pot life:	4 h at +20°C

Directions for use

1. Substrate

Substrate must be strong, free of loose materials, dust, grease or other foreign matter. Substrate surface should be watered well before application.

2. Application

Fill a clean container with 3,75 lit of water, add gradually the content of a 25 kg bag under continuous stirring until a uniform mass is formed. For mixing, a low revolution mixer or a concrete mixer may be used. Laying procedure is the same as for concrete.

Consumption

Approx. 14 kg/m²/cm of layer thickness.

Packaging

SCREED-100 is supplied in 25 kg paper bags.

Shelf-life - Storage

12 months from production date if stored in original, unopened packaging, in places protected from moisture and frost.

Remarks

- Temperature during application should be at least +5°C.
- The product contains cement, which reacts as alkaline with water, and is classified as irritant.
- Consult the directions for safe use and precautions written on the packaging.

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EN 13813 CT-C7-F3-A12

Cementitious screed material for use internally
in buildings

DoP No.: SCREED-100 /1641-01

Reaction to fire: A1_{fl}

Release of corrosive substances: CT

Water permeability : NPD

Water vapour permeability: NPD

Compressive strength: C7

Flexural strength: F3

Wear resistance: A12

Sound insulation: NPD

Sound absorption: NPD

Thermal resistance: NPD

Chemical resistance: NPD

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