

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.

**ISOMAT S.A.**

17th km Thessaloniki – Ag. Athanasios
P.O. BOX 1043, 570 03 Ag Athanasios, Greece

10

EN 13813 CT-C7-F3-A12

Cementitious screed material for use internally
in buildings

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

ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

MAIN OFFICES - FACTORY:

17th km Thessaloniki - Ag. Athanasios Road,
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece,
Tel.: +30 2310 576 000, Fax: +30 2310 722 475

www.isomat.net e-mail: info@isomat.net

