

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.

SCREED-100



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

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

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

The technical information and instructions supplied in this datasheet are based on the knowledge and experience of the Department of Research and Development of our company and on results from long-term applications of the product in practice. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the applications are beyond the control of our company. Therefore the user is responsible for confirming that the chosen product is suitable for the envisaged application. The present edition of this technical datasheet automatically cancels any previous one concerning the same product.



SCREED-100

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



The technical information and instructions supplied in this datasheet are based on the knowledge and experience of the Department of Research and Development of our company and on results from long-term applications of the product in practice. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the applications are beyond the control of our company. Therefore the user is responsible for confirming that the chosen product is suitable for the envisaged application. The present edition of this technical datasheet automatically cancels any previous one concerning the same product.

