

FLOW SL 500

SELF LEVELLING QUICK SETTING UNDERLAYMENT CEMENT SCREED 1-10 mm

High strength. Excellent flow. Floors of the highest standards

Description: Ready to use, one component, cementitious-based, industrial product, based on high-strength grey cement of special granulometry, aggregates and special enhancing additives for fast and easy self-levelling coating of floors. It provides excellent levelling of the substrate.

Usages : Self leveling polymer modified cement screed, used to create flat and durable surfaces on concrete, cement screed, mosaic floors etc. Use it to fill cavities of floors and repair defects on existing substrates. Ideal in cases of floors where plastic tiles, wooden floors or carpet are to be fixed. You can use it also on underfloor heating systems.

The final surface is high-strength and abrasion-resistant. In industrial buildings it can be left uncovered and be painted. It can also be the final surface of secondary building areas, such as warehouses, attics, basements etc.



Advantages:

- Easy and fast to apply
- Excellent workability
- Total self-levelling
- Perfectly smooth surface
- Strong adhesion to the substrate
- High compressive, flexural and abrasion strengths
- Non shrink

Packaging /distribution :

- Bags of 30 kg.
- Palette of 1440 kg, 48 paper bags

Storage: 12 months from the date of production in unopened package, in a dry place.

Safety precautions : This product contains cement and reacts as alkaline with moisture, so it is classified as irritant. It must be used with care according to the instructions for use. In order to avoid any injuries due to alkalis of the cement, wear gloves, protective glasses and avoid breathing the dust. Please consult the SDS of the product.

Specifications : EN 13813 (CT-C40-F7)

TECHNICAL DATA:

Colour :	Grey
Specific gravity of wet mortar:	2100 Kg/m ³
Compressive strength in 28 days:	40 MPa (EN 13892-2)
Flexural strength in 28 days:	7 MPa (EN 13892-2)
Shrinkage – Expansion:	<0,3mm /m
Step-on time:	24 hours
Setting time:	30 min
Abrasion strength:	Excellent (quartz aggregates)



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DoP: 049 MARMO-CPR

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EN 13813:2002
MARMOLINE FLOW SL 500
Floor screed material

Reaction to fire: *A1_f*
Release of corrosive substances: *CT*
Compressive strength: *C40*
Flexural strength: *F7*

APPLICATION:

Mixing ratio:	6 - 7 lt of water /bag of 30 kg
Consumption:	16 - 17 kg of dry mortar per m ² for 1 cm of thickness

Application mode:

- Make sure that the surface is clean, structurally adequate, free of dust, grease etc.
- Start by priming the substrate with MST 22 acrylic primer. Consumption of primer: 200 - 300 g/m².
- For smooth surfaces it is recommended to use MARMOLINE PRO CONTACT primer
- Apply the material once the primer is dry (appr. after 2 hours).
- Add the content of a bag in 6 - 7 lt of water, stirring constantly, until a homogeneous, lump-free mixture is obtained. It is recommended to mix with an electric mixer at low speed (300 revs/min).
- Leave the mixture to set for about 3 minutes and stir again.
- Spread the cement screed on the prepared floor in one coat and lay to the desired thickness using a large notched metal trowel. The material is self-levelling.
- Roll the material back and forth with a roller to let the entrapped air escape.

ATTENTION:

- The content of the bag should be protected from humidity
- Do not add excessive amounts of water because this can reduce the product's strength and cause cracks
- Do not mix the mortar for too long and use while it is still fresh
- Not recommended for use in extreme weather conditions (frost or heatwave). Application temperature +5°C to +35°C

The above application guidelines are indicative, for the correct use of the product. For more technical details please contact the company's technical department.

We guarantee the quality of all our products, on the basis of their technical specifications, as described in the Declaration of Performance (CE) and this technical data sheet. Such guarantee refers only to the products that we deliver for use and never to its application or final result, which largely depend on the experience and quality of work of each user and on the application conditions. The user is advised to test the product on a small scale, and if he is satisfied with the result, then to use the product on large scale in his project. This edition of technical data sheet automatically cancels any previous version