

## FLOW 200

### LEVELLING FLOOR SCREED 1 - 3 cm

*Filling and levelling of low-thickness floors*

**Description:** Ready industrial mortar based on grey Portland cement, graded aggregates from the famous Greek Dionyssos marble, and special additives to improve adhesion to difficult surfaces and improve its flow properties. It does not contain lime. It minimizes material preparation time and increases the speed of application.

**Uses :** Use FLOW 200 to fill and level floors, to create a final surface for fixing ceramic tiles, marbles or granites. Suitable for indoors or outdoors use (balconies, roofs, flat-roofs, etc.). It does not crack. It produces a perfect and particularly hard final surface. Recommended for thickness 1 to 3 cm.



**Advantages:**

- Very high strength. • Excellent adhesion. • Moisture- and frost-proof.
- Prevents cracking. • Excellent final surface. • Indoors and outdoors use.
- Easy to apply. • Excellent workability. • Fast to prepare – simply add water

**Packaging /distribution :**

- Bags of 40 kg.
- Palette of 1400 kg, 35 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-C5-F2)

**TECHNICAL DATA:**

<b>Colour :</b>	Grey
<b>Specific gravity of wet mortar:</b>	1950 Kg/m <sup>3</sup>
<b>Compressive strength in 28 days:</b>	≥6,0 MPa (EN 13892-2)
<b>Flexural strength in 28 days:</b>	≥2,0 MPa. (EN 13892-2)

 12 DoP: 003 MARMO-CPR
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece
EN 13813:2002 MARMOLINE FLOW 200 Floor screed material
Reaction to fire: A1 <sub>fl</sub> Release of corrosive substances: CT Compressive strength: C5 Flexural strength: F2 Wear resistance Böhme(*): A12

(\*): The determination of abrasion resistance was made according to EN 14157 (Method A, Wide wheel abrasion test). For the conversion of the results, from method A (wide wheel abrasion test - WWA) to method B (Böhme abrasion test - BA), the following formula was used:  $WWA=1,711BA+15,32$  (Annex A §A.3 of EN 14157)

**APPLICATION:**

<b>Mixing ratio:</b>	5.0 – 5.5 lt of water for a 40 kg bag
<b>Consumption:</b>	16 - 18 kg of dry mortar per m <sup>2</sup> , for 1 cm of thickness

**Application mode:**

- Make sure that the surface is clean, structurally adequate, free of dust, grease etc.
- In a clean container, put the necessary quantity of clean water and pour the content of the bag gradually, while stirring continuously, preferably with an electric mixer at slow speed (500 rev / min), until you get a homogeneous thin mortar mixture.
- Sprinkle the application surfaces with water, before and after applying the mortar, especially in summer period
- Spread and lay the fresh mortar in one layer, 1 to 3 cm thick.
- Step on the floor at least 12 hours later and fix tiles or marbles at least 48 hours later, depending on the weather conditions

**ATTENTION:**

- The content of the bag should be protected from humidity
- Do not add excessive quantities of water, for it may result in creation of cracks and reduce product's strength. Avoid thickness bigger than 3 cm
- Do not mix the material for too long and use it within half an hour
- 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 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 technical data sheet. Such guarantee refers only to the product that we deliver for use and not to the final result, which largely depends 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 after being satisfied with the result, to use it on large scale in his project. This edition of technical data sheet automatically cancels any previous version*