



7030

Ready to Use Self-Leveling Compound (3 - 10 mm)



Product Code : 7030
Quality Certificates

The product conforms to the EN 1504-2 and EN 13813 standards.

Description: A cement based self-leveling floor screed which eliminates defects and undesired roughnesses on the surface. It can be applied up to 10 mm thickness.

Application Areas: Indoor and dry environments, residential buildings, hospitals, education facility buildings, shopping malls, stores and markets, leveling the surface in 3-10 mm thickness before laying ceramics, granites, marble, hardwood, parquet, laminate, carpet and PVC coverings.

Advantages:

- Applied in 3 - 10 mm thickness.
- Applied quickly and easily.
- Balanced by self-leveling and removes the roughness of under layer.
- Can be applied on old concrete surfaces.
- Economical.

Preparation of the Surface: Special attention must be given that the application surface is cured. The application surface must be clear of materials which prevent bonding, such as dust, oil, paint, silicone, curing agents and detergents. The surface must be sound, dry and free of cracks. The difference of level on the surface must be determined with tools such as water level and other leveling instruments. Prime the surface with Falcon PRIMER Primer for Floors to increase its resistance to absorbency or smoothness.

Preparation of the Mortar: 25 kg of Falcon Ready-To-Use Self-Leveling Compound (3-10 mm) is added slowly to approximately 5.5 - 6 liters of clean water and mixed by a mixer with low speed until there are no lumps. Prepared mortar is left to mature for 2 - 3 minutes and mixed again before use. The mixture in the pot must be used in 30 - 35 minutes.

Application Information: Apply Falcon Ready-To-Use Self-Leveling Compound (3-10 mm) minimum 30 minutes after priming of the

surface, depending on weather conditions. Pour the prepared mortar in flowable consistency on the surface. Adjust the thickness with a steel trowel and make local adjustments. Use a spiked roller and a spiked shoe during application to prevent pinholes in the product. In order to prevent cold joint formation in large areas, the product should be applied continuously. The material must be prepared in more than one bucket and all the buckets must be poured on the surface consecutively.

Consumption: 1.6 – 1.8 kg/m² (for thickness of 1 mm)

Caution: Avoid application in temperatures below +5°C and above +35°C. Avoid application on frozen areas, on areas under risk of freezing in 24 hours or on areas open to direct sunlight or wind. Never attempt to extend the expired mortar by adding powder and water. Prevent the material to dry too quickly. Wait at least 3 days for covering the surface. Do not apply outdoor and in industrial areas. Do not apply on wet floors or floors that are exposed to moisture. In floor heating systems heating should be turned off 24 hours before the application and turned on 72 hours after the application. The values mentioned above are obtained at 23±2°C and 50±5 relative humidity conditions.

Packaging: 25 kg craft bags

Shelf Life: Unopened packages can be stored in dry environments for 12 months, stacked 10 packages on a pallet.

Health and Safety: As with all chemical products, contact with food, skin, eyes and mouth should be avoided during usage and storing. If swallowed by accident, consult a doctor. In case of contact with skin, rinse with plenty of water. Keep out of reach of children.

Technical Properties

Appearance	: Grey colored fine powder
Powder Density	: ~1.30 kg/lt
Water Mixing Rate	: 5.5 - 6 lt water / 25 kg powder
Pot Life	: 30 - 35 minutes
Walk-on Time	: 5 hours
Bonding Strength	: ≥ 1 N/mm ² 28 Days (EN 1542)
Abrasion Resistance to Rotating Wheel	: ≤ 1 cm ³ 28 Days (EN 13892-5)
Flexural Strength	: ≥ 7 N/mm ² 28 Days (EN 13892-2)
Compressive Strength	: ≥ 35 N/mm ² 28 Days (EN 13892-2)
Application Temperature	: Between +5°C and +35°C

Application instructions and technical data provided for the products are obtained in line with our experience and the tests we implemented according to international standards under ambient temperatures of 23 ± 2 °C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease the times and lower temperatures increase them.

