One Step Ready Mix
Leveling Coat and Stucco Mix

PRODUCT DESCRIPTION

DuROCK One Step Ready Mix is a formulated dry-mix cement parging, leveling coat and stucco base coat that is field-mixed with water. It is a trowel-applied polymer modified cement plaster, a mixture of Portland cement, silica sand, and dry-resins. It is a versatile product that can be used as a leveling coat for conventional stucco, concrete and masonry substrates, and also as the scratch and brown coats for DuROCK Stucco Plus.

One Step Ready Mix has the benefit of high-early compressive and tensile strength, with excellent freeze-thaw stability and low water absorption. It is a convenient product since it requires only water to be added on site.

One Step Ready Mix contains ¼” fibers that enhance the cohesive and adhesive strength for added durability. It is also a low-shrinkage polymer modified cement that makes it ideal for uneven leveling coats.

STORAGE & MIXING

Store One Step Ready Mix in a dry place away from direct sunlight. Employ temporary protection measures as needed. One Step Ready Mix cannot be permitted to freeze once it has been mixed with water.

Using a stainless steel or corrosion resistant mixing blade and power drill start with 4.5 L (1 gallon) water, add one bag of One Step Ready Mix and mix at 400 – 500 rpm, ensuring not to induce air into the product, until a uniform paste consistency is attained. Let the mixture stand for 5 minutes, then re-mix before use.

To enhance the strength of One Step Ready Mix, add 1 L (1.1 quart) of DuROCK Pure Cement Binder. Accelerators and other additives will void warranty. Discard material that becomes stiff or hard.

APPLICATION & COVERAGE

Apply One Step Ready Mix at the desired thickness, between 3.2 to 15.8 mm (1/8 to 5/8 inch). When applied as part of DuROCK Stucco Plus, the scratch and brown coats shall be a nominal 9.5 mm (3/8 inch) thick (refer to system specifications for further requirements).

Substrate must be clean, dry, and free of cracks or loose material. Surface and ambient temperatures must be at least 4°C (40°F) a minimum of 72 hours, and must remain so until One Step Ready Mix has cured.

Do not apply One Step Ready Mix in direct sunlight at temperatures exceeding 30°C (86°F) and protect from winds exceeding 25 km/hr (15 mph) as well as precipitation for at least 72 hours. One Step Ready Mix is available in 30 kg (66 lbs) bags, yielding approximately:

- 6.7 m² (72 ft²) at 3.2 mm (1/8 inch) thickness
- 2.2 m² (24 ft²) at 9.5 mm (3/8 inch) thickness
- 1.7 m² (18 ft²) at 12.7 mm (½ inch) thickness
- 1.3 m² (14 ft²) at 15.8 mm (5/8 inch) thickness

TECHNICAL DATA

Compressive Strength: 7 day: 27.2MPa (2524PSI) 28 day: 37.5MPa (2669PSI)

Shrinkage: 28 days: <0.1%
Freeze-Thaw (cumulative loss of mass, %): 0.01% after 25 cycles, 0.02% after 50 cycles
Non-Combustibility: Passes CAN/ULC S114-05, Standard Method of Test for Determination of Non-Combustibility in Building Materials

Refer to www.DuROCK.com for the most up-to-date version of this document.