

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 3.75 L (1 US 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 up to 1 litre 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 ($\frac{1}{8}$ to $\frac{5}{8}$ inch). Refer to **DuROCK Stucco Plus** system specification for additional information.

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 25 kg (55 lbs) bags, yielding approximately:

- 5.6 m² (60 ft²) at 3.2 mm ($\frac{1}{8}$ inch) thickness
- 1.9 m² (20 ft²) at 9.5 mm ($\frac{3}{8}$ inch) thickness
- 1.4 m² (15 ft²) at 12.7 mm ($\frac{1}{2}$ inch) thickness
- 1.1 m² (12 ft²) at 15.8 mm ($\frac{5}{8}$ inch) thickness

TECHNICAL DATA

Compressive Strength: 1day: 6.4MPa (928PSI)
7 day: 17.4MPa (2524PSI)
14 day: 17.9MPa (2596PSI)
28day: 18.4MPa (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.