

One Step Concentrate

Leveling Coat and Stucco Mix

PRODUCT DESCRIPTION

DuROCK One Step Concentrate is a formulated dry-mix concentrate for use in cement parging, leveling coats and stucco base coats. It is field-mixed with Portland cement, silica sand and water. **One Step Concentrate** is a trowel or spray-applied polymer modified cement plaster, a mixture of minerals, fine aggregates, 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 Concentrate has the benefit of high-early compressive and tensile strength, with excellent freeze-thaw stability and low water absorption.

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

One Step Concentrate is mixed using a mechanical stucco/mortar mixer. Using a five cubic foot mixer, gradually add: one bag of **One Step Concentrate**; one (40kg) bag of Type 10 Portland Cement; and 100 kg of Concentrate Sand #1; to 25 L (5.5 gallons) of clean, potable water being continually mixed until a workable consistency is obtained. Let the mixture stand for five minutes, then remix only **once** and use. Pot life is one and a half hours. Discard any material that has begun to stiffen. Accelerators and other additives will void warranty.

Note: It is very important to use good, washed, graded, pit run, concrete sand. Screen test results should be provided by the supplier. The sieve distribution should appear as follows:

| Tyler Sieve No. | 12 | 16 | 20 | 30 | 40 | 50 | 60 | 70 | Pan |
|-----------------|------|-----|------|------|------|------|------|------|------|
| % Retained | 0.00 | 9.0 | 51.3 | 31.6 | 5.36 | 0.89 | 0.39 | 0.12 | 0.23 |

APPLICATION & COVERAGE

Apply **One Step Concentrate** at the desired thickness, between 3.2 mm to 15.8 mm ($\frac{1}{8}$ to $\frac{5}{8}$ inch).

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 Concentrate** has cured. Do not apply **One Step Concentrate** 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 Concentrate** is available in 20 kg (44 lbs) bags, yielding approximately:

- 11 m² (120 ft²) at 13 mm ($\frac{1}{2}$ inch) thickness
- 9 m² (100 ft²) at 16 mm ($\frac{5}{8}$ inch) thickness
- 7.5 m² (80 ft²) at 19 mm ($\frac{3}{4}$ inch) thickness

TECHNICAL DATA

Technical data available upon request.

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