

## Scratch Mortar — EGP

### PRODUCT DESCRIPTION

SCRATCHCOAT 957 is a blend of Portland cement, graded silica aggregates and chemical modifiers which, when applied over metal lath and allowed to cure, provides a thin, stable mortar bed substrate to receive setting material for ceramic tile.

#### ► BASIC USE

SCRATCHCOAT 957 is designed to provide a thin mortar bed which functions as an underlayment to strengthen wood substrates and provide a sound, stable surface for bonding ceramic tile.

#### ► AREAS OF USE

Suitable substrates, when properly prepared, include exposure 1 or Exterior Grade Plywood (EGP) conforming to the provisions of Product Standard PS 1-83 for Construction and Industrial Plywood or Plywood APA Rated Sheathing or APA Rated Sturd-I-Floor conforming to the provisions of Manufacturing and Performance Standard for APA Rated Sheathing Panels or 1" (25 mm) nominal boards secured with screw-type nails and glued where possible. All wooden surfaces must be for interior use only and protected from exposure to moisture.

#### ► LIMITATIONS

SCRATCHCOAT 957 is limited to dry, interior residential and light commercial applications equivalent to passing cycles 1 through 6 of ASTM C627. SCRATCHCOAT 957 must not be applied over asphalt sheeting, vinyl covered wall board, Masonite® or cement asbestos board.

#### ► APPLICABLE STANDARDS

American National Standard Specification for the installation of Ceramic tile ANSI A108.1, A108.4, A108.5 and A108.6.

Color — Gray.

Texture — Medium sanded powder consisting of Portland cement, silica sand organic and inorganic chemicals.

#### ► PACKAGING

50 lb. (22.7 kg) bags.

### INSTALLATION

#### ► PREPARATORY WORK

All wooden surfaces when placed over conventional floor joist or other systems shall be of a design and thickness so as to maintain deflection of not over 1/360 of the span, including live and dead load. All wooden flooring should be structurally sound with no spring or flexing. Surfaces must be clean of any foreign materials prior to placing lath and SCRATCHCOAT 957.

#### ► MIXING

SCRATCHCOAT 957 powder should be added to clean potable water or CUREMIX® 937 in the temperature range of 50°F to 80°F (10°C to 27°C) at the rate of approximately 1 gallon (3.78 L) per 50 lb. (22.7 kg) bag. Mix thoroughly until a consistent mix is obtained. Discard mortar when initial set is reached and material becomes too stiff to work.

#### ► APPLICATION

Using corrosion proof nails, screws or staples, attach galvanized or painted expanded metal lath of desired thickness onto the substrate. Butt joints in the metal lath. Joints in the plywood and the lath joints should be offset. Apply the SCRATCHCOAT 957 to the area to be covered. Firmly trowel and screed the SCRATCHCOAT 957 to completely fill the lath with a uniform coat between 1/4" and 1/2" (6 and 13 mm) in thickness.

### ► WORKING CHARACTERISTICS

Working time is approximately 45 minutes. Use in temperature range above 50°F (10°C). Do not allow fresh mortar to freeze for the first 72 hours.

#### ► CLEANING

Water is all that is needed to remove uncured mortar.

#### ► CURING

A minimum cure is obtained in 12 - 24 hours, depending on ambient temperatures. As with concrete, the strength increases significantly with age during the first 28 days.

#### ► COVERAGE

25 sq. ft. (2.3 m<sup>2</sup>) per 50 lb. (22.7 kg) bag at 1/4" (6 mm) thickness.

## GUARANTEE

The recommendations, suggestions, statements and technical data are based on the best knowledge available to C-Cure and are given for informational purposes ONLY and without any responsibility for their use.

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# ScratchCoat 957

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## SCRATCHCOAT 957 TECHNICAL DATA

TEST	TYPICAL VALUES
A. Working Time @ 70°F (21°C)	45 Minutes
B. Bucket Life @ 70°F (21°C)	2 1/2 Hours
C. Compressive Strength ASTM C109      7 Days	1908 psi (134 kg/cm <sup>2</sup> )
D. Bond Strength ANSI A118.1      7 Days	215 psi (15 kg/cm <sup>2</sup> )
E. Safety—CAUTION: May cause eye, skin or lung injury. Contains free silica. Prolonged exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Use NIOSH approved mask for Silica dust. Contains Portland cement. If any cement or cement mixtures get into the eye, flush immediately and repeatedly with water, and consult a physician promptly. Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water.	
KEEP OUT OF REACH OF CHILDREN.	
F. Storage Life—One year if kept dry in sealed bags.	

Members of National Tile Contractors Association,  
Materials & Methods Standards Association, Ceramic Tile Distributors Association.

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