

Conpro One Coat

Trowel or spray applied,
fiber reinforced, polymer modified,
cement based concentrate.
Refer to Conproco
Exterior Wall Systems.

WHERE TO USE
Combines scratch and
brown coats of traditional
stucco systems into one coat
stucco base and finish.

PERFORMANCE CHARACTERISTICS

Waterproof barrier

- Passes ASTM E514.

Long term protection

- Density and thickness provide resistance to carbonation.

Durable

- Resistant to weathering action, excellent freeze/thaw stability and abrasion resistance.

Breathability

- Allows moisture to diffuse, preventing damage from moisture build-up in wall system.

Impact resistance

- Significantly more resilient than EIFS.

Economical

- Combines scratch and brown coat to one application.

Smooth finish

- Ready for roller, spray and trowel applied decorative coatings such as, *Conpro Stucco*, *Conpro Flex*, *Conpro Lastic* and *Conpro Color Coat*.

SURFACE PREPARATION

Conproco Impact Wall System

- Remove loose and deteriorated material, laitance, dirt, dust, oil and any surface contaminants that will inhibit proper bond.
- Repair spalled areas, static cracks and voids with *Conpro Set* or *Conpro One Coat*.
- Substrate should have open-pored and textured surface.
- Apply *Conpro Start* where a consolidant is of benefit.
- Saturate substrate with clean water, (saturated surface dry/SSD). Wall should be wet when *Conpro One Coat* is applied.
- For best results on concrete grind or abrasive blast (CSP 3). Refer to ICRI Surface Preparation Guide 03732 for information about Concrete Surface Preparation (CSP).

Conproco Impact RM Wall System

- Substrates must be structurally sound, sheathing must be firmly fastened and comply with all applicable building codes.
- Place building wrap or air barrier depending upon type of substrate.

PRIMING

- No priming is required under normal circumstances.

MIXING

- Mechanically mix using a low speed drill (400 - 600 rpm) and mixing paddle or mortar mixer.
- Pour 10 quarts of potable water into a clean mixing vessel and add 110 lbs. of plaster sand (30 - 70 mesh) to each 50 lbs. bag of *Conpro One Coat*.
- Mix continuously for 3 minutes to a uniform, lump-free consistency.
- Add up to 2 pints of additional water if needed.
- Allow to "breathe" for 1 minute and remix for 1 minute. This will improve workability and open time.
- Do not over mix, as this will entrain air and cause damage to the glass fibers.

APPLICATION

Conproco Impact (direct applied to concrete and masonry)

- At the time of application, surfaces should be saturated surface dry (SSD) but hold no standing water.
- Trowel or spray apply material to a uniform minimum of between 3/8 inch and a maximum 7/8 inch.
- Apply additional coat of 1/16 - 1/8 inch to achieve a level plane where desirable.

Conproco Impact RM (reinforced with metal lath)

- Place trim accessories (expansion joints, corner bead, etc.) as specified.
- Mechanically fasten self-furring diamond mesh metal lath (complying with ASTM C841 and ASTM C847) within the confines of the panels created by the trim accessories. Make sure to overlap the flanges of the trim accessories.
- Trowel or spray apply material to a uniform minimum of 3/16 inch, to completely cover the lath.
- Apply additional material up to 1 inch thick for added impact resistance.

CURING

- Keep damp with a fine mist of water for 24 hours.
- Protect from direct sunlight, wind, rain and frost during curing period.

CLEAN UP

- Clean tools and equipment with water immediately after use. Cured material must be removed mechanically.

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COVERAGE/YIELD

- 50 ft.²/160 lbs. @ 3/8 inch.

PRODUCT HANDLING

Packaging

- 50 lbs. multi-wall, poly lined bags.

Shelf Life

- 12 months when properly stored.

Storage

- Transport and store in cool, clean, dry conditions in unopened containers.
- High temperature or high humidity will reduce shelf life.

LIMITATIONS

- Do not apply unless substrate and ambient temperature can be maintained at a minimum of 40°F for 24 hours. Refer to ACI Cold Weather Application Guidelines.
- Cold mixing water and low temperature will retard set. Hot water and high temperature will accelerate set.
- Protect application from precipitation and high wind for at least 8 hours.
- Do not add more water than specified.
- Avoid overworking material during placement.
- Expansion joints are required. Refer to Exterior Wall Systems specifications.

HEALTH AND SAFETY

- Product is alkaline.
- Do not ingest.
- Avoid breathing dust.
- Avoid contact with skin and eyes.
- Refer to Material Safety Data Sheet (MSDS) for additional information.

FIRST AID

- In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with a high volume of water for at least 15 minutes and contact a medical professional. For respiratory problems, remove person to fresh air.

DISPOSAL

- Dispose of material in accordance with local, state or federal regulations.

TECHNICAL DATA

Physical state and appearance		Gray powder		
Base		Portland cement		
pH	Wet mix	>12		
Water/cement ratio	Wet mix	0.58		
Dry bulk density	ASTM C188	66 lbs./ft. ³		
		7 Days	14 Days	28 Days
Compressive strength – psi	ASTM C109	1600	1900	2250
Tensile strength – psi	ASTM C307	280	350	420

FOR PROFESSIONAL USE ONLY

Conproco Corp. warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current technical data sheet if used as directed within shelf life. User determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. January 2005.

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conproco[®]
CORPORATION

17 PRODUCTION DRIVE, DOVER, NEW HAMPSHIRE 03820
TELEPHONE 800.258.3500 • FAX 603.743.5744 • WEB ADDRESS www.conproco.com