

CE-307M
11/12 Supersedes 06/12

PENNTROWEL[®] VINYL ESTER CONDUCTIVE PRIMER

DESCRIPTION

PENNTROWEL Vinyl Ester Conductive Primer is a 2-component, flexibilized resinous vinyl ester penetrating primer used to promote adhesion to concrete and steel substrates of select Corrosion Engineering surfacers and lining systems which include PENNTROWEL Vinyl Ester Broadcast System, PENNTROWEL Vinyl Ester L/F Systems, PENNTROWEL VE 60MR, ACROCAST[®] Vinyl Ester Concrete, and PENNCOAT[®] 321, PENNCOAT 331 PENNCOAT 331AS, and PENNCOAT 340. **Consult Corrosion Engineering specification [CES-342](#) for complete installation details.**

AREAS OF USE

PENNTROWEL Vinyl Ester Conductive Primer serves as an adhesion promoter for Corrosion Engineering vinyl ester surfacers, lining systems and membranes when applied to suitably prepared concrete, brick masonry and steel surfaces. Not compatible with latex-modified concretes, underlayments, or patching materials.

A vinyl ester based conductive sealer for concrete in order to improve the surface strength of the concrete.

A moisture-resistant barrier on masonry surfaces.

OUTSTANDING FEATURES

- Excellent adhesion to concrete, brick, tile and steel surfaces.
- Resists corrosive effects of dilute inorganic acids, alkalis, alkaline salts, acid salts, oils, grease, milk products, fats, blood, most dilute organic acids and many solvents.
- Cures quickly, allowing fast turnaround time.
- PENNTROWEL Vinyl Ester Conductive Primer uses a low viscosity flexibilized resin for maximum substrate penetration on concrete or porous substrates.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	PENNTROWEL VE Conductive Primer
Color	Black
Specific Gravity	1.15 ~ 1.25
Pot Life	45 minutes @ 25°C
Reactivity	100% (reactive vinyl ester)
Thickness	130 µm DFT
Resin: Hardener ratio	100:1.6
Recoat window	4 hours minimum, 7 days maximum at 25°C
Storage/Shelf Life	Resin: 6 months @20°C. Catalyst: 1 year @20°C

ESTIMATING/PACKAGING THEORETICAL QUANTITIES –NO OVERAGE ALLOWANCE

PRODUCT	CODE	PACKAGING	*COVERAGE WFT
PT Vinyl Ester Conductive Primer Resin	tbdxx	29 Kg Pail	Concrete: 129 m2/pail @ 130 µm DFT *All coverages are theoretical and do not take into account pail loss, surface irregularities, curing reduction or overage allowances.
CHP Hardener	50108 50109	200 cc Bottle 400 gram Bottle	

SAFETY PRECAUTIONS / DISCLAIMER

Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and material safety data sheets before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user.



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