

CURRANSEAL

PRODUCT DESCRIPTION **PMC3300**

PMC3300 is a highly enriched eco-conscious penetrating formulation designed to create an effective permanent barrier inside the top portion of the concrete, preventing excessive moisture vapor emission and alkalinity contaminants from damaging floor coverings and adhesives. PMC3300 concrete surface treatment is applied by sprayer to the surface of freshly finished concrete in lieu of any / all other curing compounds, methods or chemical treatments for concrete slabs on grade, below grade or above grade receiving resilient flooring such as vinyl composition tile, sheet vinyl, carpet, sports flooring, rubber, wood flooring, epoxy coatings and overlays. Concrete treated with PMC3300 provides excellent interface bond ability, compatible for all proposed floor covering and adhesives to bond directly to the treated concrete.

PRODUCT MANUFACTURE

CURRANSEAL

P.O. Box 28508

Santa Ana, CA 92799

Phone (714) 641-1121

www.curranseal.com



Made In USA

PRODUCT ADVANTAGES

Pro Active Resolve ~ Be secure knowing that PMC3300 treated concrete provides a pro-active timely treatment the day of the concrete pour that will eliminate potential future cost associated with excessive moisture vapor emission and alkalinity damaging finish flooring products. Be secure knowing that PMC3300 treated concrete provides excellent interface bond ability, suitable for your specified floor covering without disrupting construction schedules with a more intrusive system later.

Onsite Manufacture Support ~ Curranseal Technicians will always be onsite the day of application to train, certify, and assume all responsibility for the correct application for product performance and full warranty coverage, eliminating any chance of human error in the simple spray on application of PMC3300 by your onsite labor that normally applies the curing method.

Simple Application ~ PMC3300 is applied the day of the concrete pour to freshly finished concrete, weather permitting, just after final finishing and soff cutting and in lieu of other curing methods. There are no special tools, equipment, mixing or expertise applicators necessary.

Cost Efficient ~ When you consider the unnecessary cost of potential project schedule down time and delay, the labor and material cost associated with a failed flooring product you can appreciate that PMC3300 is the most cost efficient, value engineering, effective moisture vapor emission & alkalinity control system in the industry and can be installed for a fraction of the cost, when compared to the typical topical remedial systems.

Permanent Resolve ~ PMC3300 is a highly enriched formulation that penetrates into the concrete substrate, effectively creating a permanent solid barrier inside the top portion of the treated concrete substrate. By being a penetrating sealer inside the concrete PMC3300 is insulated from the possibility of peeling off, losing bond, breaking down or dissolving at a later date that a

topical system is subject to. Also if the flooring is removed and replaced at a later date you can successfully remove the existing flooring without challenging the presence or performance of the PMC3300 which has become an internal permanent part of the concrete substrate.

Environmentally Safe ~ PMC3300 is highly enriched eco-conscious water based formulation maintaining no volatile organic compounds, completely absent of harmful fumes or odor. PMC3300 far exceeds the criteria set forth by LEED for new construction and will help registered projects qualify for certification. PMC3300 is easy to clean up and dispose of and packaged in recyclable pails.

PRODUCT TECHNICAL DATA

Application temperature 40° – 110° F Ambient

Curranseal PMC3300 meets or exceeds

ASTM C1315

ASTM C309

ASTM C156

Maintains >34% penetrating solids content,

(VOC) content rating suitable for all regulatory requirements.

LEED for New Construction Version 2.2 EQ Credit 4.2: Low-Emitting Materials: Paints & Coatings; requires waterproofing sealers and all other sealers to be 100g/L. Curranseal PMC3300 VOC content registers 1.0g/L when tested according to the appropriate methods.

WARRANTY

When a floor covering is installed on a concrete substrate treated with Curranseal PMC3300 according to Manufacturer's instruction, Curranseal shall warrant all labor and materials needed to replace or repair all floor covering that fails due to the negative-side moisture migration or moisture-born alkalinity contaminants originating from the concrete substrate for a period of fifteen (15) years from the date of original installation.

PRODUCT APPLICATION

PMC3300 Concrete Surface Treatment may be applied to freshly finished concrete, weather permitting, just after final finishing and soff cutting and in lieu of any / all other curing compounds, methods or chemical treatments for concrete slabs on grade, below grade or above grade receiving resilient flooring such as vinyl composition tile, sheet vinyl, carpet, sports flooring, rubber, wood flooring, epoxy coatings and overlays.

1. A Curranseal Technician will be ready and available on site the day of the product application, typically the same day of the concrete pour in order to provide technical service thru the installation and / or train in application assuring responsibility for correct product application, document all areas treated & return on every application thereafter to verify that proper procedures are followed. The onsite Curranseal Technician provides immediate onsite technical services, takes responsibility, eliminating human error in correct product application for product performance and meaningful warranty coverage

2. Do not highly burnish the concrete slab finish. Concrete designed to receive a floor covering should never be highly burnished as all floor coverings will require a suitable mechanical bond with the concrete surface finish. PMC3300 is a penetrating sealer and is inhibited from its best penetration by a highly burnished concrete finish. Take precaution not to highly burnish the concrete finish.
3. Apply PMC3300 to the concrete slab surface as soon as final finishing operations are completed and the freshly finished concrete has hardened sufficiently to sustain foot traffic without damage. Harsh weather such as snow, cold, rain, excessive heat, wind, or jobsite conditions such as concrete not exposed to direct sunlight will effect the rate of concrete hydration and delay or change the application until a more suitable application time and method permits as directed by the onsite Curranseal Technician. Excessive heat, dry and / or windy weather conditions will require an immediate, in concert, follow up of water spray to assist in the best penetration of the product and reduce the product's evaporation of the water base.
4. PMC3300 is applied by sprayer at the rate of 200 square feet per gallon. Broom product evenly over the substrate until product has completely penetrated the surface
5. If the areas treated with PMC3300 are subjected to heavy rainfall within 2 hours after initial application, reapply the PMC3300 product to these areas as soon as weather condition permits. Curranseal will provide all material needed at no additional cost for the reapplication of product due to harsh weather condition.
6. Be advised that in "tilt up construction" the treated concrete surface will need to be fully pressure wash / mechanically scrubbed of all latent PMC3300 material and other construction debris thoroughly to the manufacturer requirements of the bond breaker material, prior to the bond breaker material application procedures.

PRODUCT PRECAUTIONS

- Avoid freezing of stored product. Product containers should be kept tightly sealed and stored in a shaded area between 40° – 110° F Ambient. If freezing is suspected contact Curranseal immediately for replacement of product.
- Product is ready for use. No mixing is required. Do not dilute or mix with any other substance. Do not use in application spray containers contaminated prior with other products.
- If product is accidentally over sprayed on metal, glass or a painted surface, clean off immediately with a clean cloth and water.
- While no special protection is needed, direct contact with eyes must be avoided. If splashed in eyes, flush thoroughly with water for 20 minutes.
- Wash skin and clothes with water after using product. Prolonged excessive contact with skin should be avoided.

JOBSITE / FLOORING SUCCESSFUL INSTALLATION GUIDELINES & PRECAUTIONS

Curranseal advises you that there are many potential problematic conditions and practices that will hinder the successful installation and maintenance of your projects proposed floor covering. Please be aware, that Curranseal cannot be responsible for flooring covering that fail due to non-moisture and / or non-alkalinity conditions. We advise to notify all involved parties to follow these recommendations for a successful flooring installation:

- Follow all flooring material manufacturers' recommendations regarding the successful installation procedures of the new proposed flooring.
- Acclimate the room per the flooring manufacturer's recommendations regarding temperature, humidity and dew point prior to installing flooring materials.
- Fully clean out all cracks, control joints, construction joints, and expansion joints by mechanically "v-groove" and fully fill with a suitable patching compound or joint filler material. Patching compounds and joint fillers should include epoxy for use in high water table areas provided it is compatible for use with the new flooring. Gypsum material is not allowed.
- PMC3300 is penetrating formulation designed to create an effective permanent moisture vapor and alkalinity barrier inside the top portion of the concrete substrate. Any concrete grinding, cutting, or trench work cutting away more than 1/8" from the surface will remove a significant portion of the concrete treated with PMC3300. Please notify Curranseal for a proper remediation of the concrete that has been affected.
- Prior to the installation of any new flooring, fully clean the concrete of all contaminates, cleaning solutions, construction debris, paints, solvents, and other materials used during construction. A light sanding of the concrete surface is highly recommended.
- Concrete that is to receive a floor covering should not be highly burnished as flooring products require a suitable mechanical bond with the concrete finish.
- Use only flooring adhesive made by and / or recommended by the same finish-flooring manufacturer.
- Please consider the intended use of the entire floor covering system and environment of suitable use, including weight and traffic profile of the facility when selecting your appropriate flooring and adhesive.