Epoxy.com Product #12
Chemical Resistant Epoxy Primer

GENERAL DESCRIPTION

Epoxy.com Product #12 is a two component; seamless 100% solids epoxy primer system with High Chemical Resistance and High Bond Strength. The epoxy may be applied as a primer for most High End Industrial coatings, like Epoxies, MMA, Polyurethane's, Vinyl Esters, Polyesters, etc.

APPLICATIONS

Can be used as a primer to any of the materials listed above, being installed in, but not limited to the following areas:

- Aisle Ways
- Machine Shops
- Assembly Plants
- Manufacturing Areas
- Bakeries
- Marine Surfaces
- Basement Floors
- Meat Preparation Areas
- Bottling Plants
- Mortuaries
- Break Rooms
- Nuclear Plant Floors
- Cafeterias
- Offices
- Canning Plants
- Patching concrete
- Car Washes
- Photography Processing Areas
- Cells
- Power Plants
- Chemical Storage Areas
- Printing Plants
- Chemical Processing Areas
- Mortuaries
- Church Floors
- Nuclear Plant Floors
- Classroom Floors
- Offices
- Corridors
- Patching concrete
- Educational Facilities
- Printing Plants
- Entrances
- Produce Preparation Areas
- Food Plants
- Pool Decks
- Fork Lift Areas
- Ramps
- Health Care Facilities
- Research Facilities
- Hospitals
- Rest Rooms
- Kennels
- Restaurants
- Kitchens
- Semiconductor Plants
- Laboratories
- Sewer Plants
- Law Enforcement Facilities
- Shop Floors
- Launderies
- Shopping Centers
- Leveling concrete
- Shower Rooms
- Loading docks
- Store Floors
- Locker Rooms
- Show Rooms
- Supermarkets
- & many others
- Veterinary Facilities
- Water Plants Warehouses
ADVANTAGES

LOW ODOR
STRONG YET RESILIENT
HIGH BOND STRENGTH
ABRASION RESISTANT
CHEMICAL RESISTANT

SURFACE PREPARATION

Surface must be clean and sound. Remove all dirt, laitance, grease curing compounds and other foreign matter by sandblasting, mechanical abrasion. If acid etching is used follow with abrasive or mechanical abrasion. Remove water and dust from all surfaces with an oil free blast, or vacuum, immediately prior to application.

MIXING INSTRUCTIONS

Temperature of Product #12 must be 65 degrees F or above at time of mixing. Stir each component separately before blending. Mix two parts by volume of Part A with one part by volume of Part B for three minutes with a low speed electric drill motor equipped with a mixing paddle.

APPLICATION

Epoxy.com Product #12 can be applied with brush, roller, trowel, airless sprayer or squeegee. Apply a coat of Product #12 to surface to be finished. Average application rate is 200 square feet per gallon on smooth concrete. Contact Epoxy.com for information on how to adjust application rate to account for a substrate that is more porous, or has more texture.

If anti-skid is required, or to improve trowelability of the next coat, it may be broadcast with aggregate (while epoxy is still wet). This can be done by hand or mechanical means. Allow them to dry. Then sweep off excess aggregate. Sand surface (if required) to desired texture. It may be left a final sealer or you may install other high end top-coats over the Product #12 at a rate as recommended by that material.

LIMITATIONS

New concrete should be at least 28 days old. Temperature of substrate must be above 55 degrees F. DO NOT thin. For outdoor use contact Epoxy.com for technical assistance.

SAFETY PRECAUTIONS

Prolonged or repeated exposure may cause eye and skin irritation. If contact occurs, wash immediately and seek medical help. Use safety glasses with side shields and wear protective rubber gloves.

CLEANING

All tools and equipment should be cleaned before the system gels. Use MEK, Acetone, or any lacquer solvent.
APPLICATION PROPERTIES @ 77 DEGREES F

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mix Ratio</td>
<td>2:1 By Volume</td>
</tr>
<tr>
<td>Viscosity (mixed)</td>
<td>&lt;500 CPS</td>
</tr>
<tr>
<td>Pot Life (200 gr.)</td>
<td>30 minutes</td>
</tr>
<tr>
<td>Recoat Time</td>
<td>6-10 hours depending on temperature</td>
</tr>
<tr>
<td>Maximum Time to Recoat</td>
<td>24-48 hours depending on temperature</td>
</tr>
<tr>
<td>Final Cure</td>
<td>7 Days</td>
</tr>
<tr>
<td>Packaging (unit size)</td>
<td>gallons, pails, drums</td>
</tr>
</tbody>
</table>

PHYSICAL PROPERTIES (neat)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bond Strength (ASTM C-882)</td>
<td>2100 p.s.i</td>
</tr>
<tr>
<td>Flexural Strength (ASTM D-2240)</td>
<td>&gt;6000 p.s.i (7 days)</td>
</tr>
<tr>
<td>Compressive Strength (ASTM D-695)</td>
<td>&gt;9900 p.s.i (7 days)</td>
</tr>
<tr>
<td>Absorption (ASTM D-570)</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Thermal Shock</td>
<td>40 Hr. @ 10 Degrees F., 3 Min. @ 212 Degrees F. shock water 33 Degrees F.</td>
</tr>
</tbody>
</table>

FOR INDUSTRIAL USE ONLY
KEEP AWAY FROM CHILDREN

For more information please contact:

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www.epoxy.com

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