



DRI-GARD PW 200

Glassflake Epoxy Tank Lining and Protective Coating

DRI-GARD PW 200 is a two-part, versatile and durable epoxy coating that can be used for potable water and chemical tank lining. It may also be used as a floor coating. **DRI-GARD PW 200** is formulated with glassflakes, which effectively protects substrates from water and other corrosive chemicals by forming an impermeable barrier. It is suitable to be applied over steel and concrete surfaces.

FEATURES/BENEFITS

- ✓ Suitable for concrete, masonry and steel surfaces
- ✓ High adhesion strength
- ✓ Superior abrasion resistance
- ✓ Good chemical resistance
- ✓ Easy application
- ✓ Hygienic – impervious finish with easily cleaned surfaces
- ✓ Suitable for contact with food and potable water

APPLICATION AREAS

- ✓ Potable water tank lining
- ✓ Fresh water and dry food cargo lining
- ✓ Concrete substrates
- ✓ Masonry substrates
- ✓ Steel substrates



DRITECH CHEMICALS SDN. BHD. (1184082-K)

A-13-02, Atria SOFO Suite, Jalan SS22/23, Damansara Jaya, 47400, Petaling Jaya, Selangor, Malaysia
TEL: +603 9212 8510, FAX: +603 9212 8519, WEB: www.dritechchemicals.com

Product Data

Appearances / Colors	Grey (other colours available upon request)
Packaging	5L set
Storage	12 months from date of production
Storage Condition	Stored in original, unopened packaging in a cool & dry place

Technical Data

Origin	Epoxy																		
Solid Content	90% ± 2% by volume																		
Chemical Resistance Guide	<table border="1"> <thead> <tr> <th>Exposure</th> <th>Immersion</th> <th>Splash & Spillage</th> </tr> </thead> <tbody> <tr> <td>Acids</td> <td>Good</td> <td>Excellent</td> </tr> <tr> <td>Alkali</td> <td>Good</td> <td>Excellent</td> </tr> <tr> <td>Solvent</td> <td>Excellent*</td> <td>Excellent</td> </tr> <tr> <td>Salt Water</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Water</td> <td>Excellent</td> <td>Excellent</td> </tr> </tbody> </table> <p><i>* For white spirit, diesel and aviation fuel</i></p>	Exposure	Immersion	Splash & Spillage	Acids	Good	Excellent	Alkali	Good	Excellent	Solvent	Excellent*	Excellent	Salt Water	Excellent	Excellent	Water	Excellent	Excellent
Exposure	Immersion	Splash & Spillage																	
Acids	Good	Excellent																	
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Application conditions

Consumption	<p>Theoretical coverage: 14.5 m²/L at 75 microns DFT</p> <p>*Recommended 2-3 coats of DRI-GARD PW 200, with thickness of 75 – 125microns DFT per coat.</p>
Dry Film Thickness	Recommended 150 – 375 microns
Potlife	4 hours
Curing	<ul style="list-style-type: none"> • Touch Dry: 3 hours (@ 20°C) • Top Coat: 16 hours (@ 20°C) • Full cure: 7 days (@ 20°C)
Thinning	Not more than 10% by volume with thinner for workability

SUBSTRATE

The surface to be coated must be thoroughly cleaned and degreased to ensure that oil, grease and other surface contaminants are removed. Surface dust must be removed using industrial vacuum cleaner. Fins and protrusions shall be removed by stoning, sanding and/or grinding. New concrete shall be allowed to cure for at least 28 days before application of DRI-GARD PW 200.

Steel surfaces shall be dry abrasive blasted in accordance with ISO Sa2.5 or SSPC-SP10 near white metal finish with minimum 35 to 50 microns blast profile.

APPLICATION

Apply by spray, brush or roller.

Spraying is preferred for tank lining to obtain a uniform coating thickness. Stripe coat with brush for corners and edges before overlapping between each pass. For application in enclosed area, provide sufficient ventilation to ensure no entrapment of solvent vapour that might cause explosion.

TOOLS

Clean all tools and application equipment with thinner immediately after use. Hardened and/or cured material can only be mechanically removed.

MIXING

Stir part A thoroughly in a container with a power mixer, then pour Part B into Part A in a pre-weighed packing and continue to stir. Mix to a uniform consistency before thinning.

HEALTH & SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of these products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance to the manufacturer recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. The manufacturer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.