



BERGER  **Protecton** PROTECTIVE COATINGS

AQUGREEN WB EPX PRIMER

USES

Ideal primer for use in sterile rooms of Pharma units and other food and beverage producing industries.

SCOPE

A two pack water borne Epoxy Primer suitable for application on concrete and masonry substrates. An ecofriendly, green, odourless product forms a part of system with a water borne PUD top coat. The product has excellent adhesive and cohesive strengths to provide long service life.

PRODUCT DATA

Type : Two pack water borne Epoxy Primer

Composition : Modified Epoxy resin suitably pigmented and cured with Polyamide hardener

Mixing Ratio : Base : Catalyst - 1 : 1 by volume

Pot Life : 45 minutes approximately at 300 C

Application : Brush, Roller

Recommended DFT : 40 - 45 microns per coat

Corresponding WFT: 91-102 micron per coat

Theoretical Spreading Rate : 9.7-11 Sq. Mtr./Ltr/Coat

Drying Time : @ 300 C

TOUCH : Within 2 hours

HANDLE : 16 hours : 24

HARD hours

Curing Time :- 6 - 7 days

Overcoating Interval :

MIN : 24 hours

MAX : within 5 to 6 days

Abrade surface mildly after 24 hrs

Flash Point: Not applicable

Colour : Grey

Finish : Smooth & Matt

Packing: 20 Ltr

Thinner : Water

Storage Life : Upto six months as long as the sealed containers are kept under standard dry ware house

RESISTANCE GUIDE

Flexibility: Passes 1/4" mandrel

Impact Resistance: Pass without cracking - direct (20" x 2 lb wt x 1/2" dia)

Abrasion Resistance: 150 mg wt loss maximum. (CS 10 wheel with 2 x 1 kg load, 1000 cycles)

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SURFACE PREPARATION

New Concrete: Ensure that concrete is cured for minimum of one month. The surface must be prepared mechanically by using grinding, scarifying or blasting as required to obtain a dry, clean and laitance free surface. All voids and dents are to be repaired. **Old Concrete:** Substrates deeply contaminated with oil, grease and/or salt deposits must be cleaned by flame jetting followed by washing with detergent water and fresh water jetting

APPLICATION

Stir the base thoroughly and then mix the components in equal proportion by volume to uniformity. Avoid over agitation to arrest air entrapment. Addition of water is not recommended unless essential. Apply preferably by brush for better penetration and working the material into all irregularities. However, rolling is also an important application method to obtain a smooth and holiday free surface.

Surface	1st Coat	2nd Coat	3rd Coat
Concrete & Masonry Surface	Aqugreen WB EPX Primer	Aqugreen WB PU Finish	Aqugreen WB PU Finish

Notes:

1. Do not apply when temperature falls below 10 degree C or rises above 50 degree C and when relative humidity rise above 90%. Do not apply during rain, fog or mist.
2. Application equipments should be cleaned with water/soap water otherwise equipments are likely to be damaged.
3. Mix quantity which can be used off within the utilisation period.

Health & Safety - Please refer to the separate safety data sheet available with detailed information.

DISCLAIMER

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