



**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 30° 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 :** @ 30° C

TOUCH : Within 2 hours

HANDLE : 16 hours

HARD : 24 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)

**DATA SHEET No. :** 190

**Issue Date :** December'08

**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 holidayfree surface.

**TYPICAL PAINTING SPECIFICATIONS**

Surface	1st Coat	2nd Coat	3rd Coat
Concrete & Masonary 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.

**DATA SHEET NO. 190**  
**ISSUE DATE: DEC 08**

**DISCLAIMER**

The information contained within this Data Sheet is based on information believed to be reliable at the time of its preparation. The Company will not be liable for loss or damage howsoever caused including liability for negligence, which may be suffered by the user of the data contained herein. It is the users' responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of results is implied since conditions of use are beyond our control.

**BERGER PAINTS INDIA LIMITED** Berger House,129 Park Street, Kolkata 700017  
**Phone :** (033) 2229 9724 (5 lines) / 2249 9754 (4 lines) **Fax :** 91-33-2249 9729 / 2249 9009  
**Email :** NORTH : protectondelhi@sify.com **SOUTH :** bpil\_ch2@sify.com  
**EAST :** bpil\_cl1@vsnl.net **WEST :** bpilmum\_prot@mtnl.net.in



Call: 9825027358 Nilkamal Paints & Hardware