



**BERGER**  **Protecton** PROTECTIVE COATINGS

## AQUGREEN WB PU FINISH

### USES

A perfect green paint most suitable for Pharma units, Dairies, Food processing plants and Laboratories. It is also recommended for Hospital operation theatres, electrical industries, hotels and shopping malls.

### SCOPE

A water borne Polyurethane Finish for concrete and masonry surfaces. A hygiene wall coating having antifungal and antibacterial characteristics and excellent weather resistance properties. The coating is washable with water.

### PRODUCT DATA

**Type** : A single component water borne PUD Finish

**Composition** : Aliphatic Polyurethane Coating pigmented with  $TiO_2$  and other essential ingredients.

**Mixing Ratio** : Not applicable

**Pot Life** : Not applicable

**Application** : Brush, Roller

**Recommended DFT** : 40 - 45 microns per coat

**Corresponding WFT** : 93-105 micron per coat

**Theoretical Spreading Rate** : 9.5-10.7 Sq. Mtr./Ltr/Coat

**Drying Time** : at 30°C

TOUCH : Within 30 to 45 minutes

HANDLE : 6 hours

HARD : Overnight

**Overcoating Interval** :

MIN : overnight

MAX : 24 hours beyond which abrade surface by emerying.

**Flash Point**: Not applicable

**Colour** : White

**Finish** : Smooth & egg shell to semi glossy

**Packing**: 20 Ltr

**Thinner** : Water

**Storage Life** : Upto six months as long as the sealed containers are kept under standard dry ware house conditions within a temp range + 5 degree C to 35 degree C.

### RESISTANCE GUIDE

**Tensile Strength**: 50 kg/sq.cm

**Elongation at break**: 100%

**Wet scrub resistance**: Passes 2000 cycles without failure

**Abrasion Resistance**: 110 mg wt loss maximum. (CS 10 wheel with 2 x 1 kg load, 1000 cycles)

**Flexibility**: Passes 1/4" mandrel

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**Issue Date: Dec 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. Apply the appropriate Primer on dry and clean surface.

**APPLICATION**

The paint before application must be thoroughly stirred to bring homogeneity. The product is supplied in ready for use condition and thinning with water is not recommended. Apply by brush or roller to obtain uniform film at the desired thickness.

**TYPICAL PAINTING SPECIFICATIONS**

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

**Notes:**

1. The product is to be used off within the stipulated shelf life period.
2. Clean all application equipments with soap water/water, otherwise they are likely to be damaged.
3. Do not apply when temperature falls below 10 degree C or rises above 50 degree C and when relative humidity rises above 90%. Do not apply during rain, fog or mist.

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

**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.

**DATA SHEET No. 191****ISSUE DATE: DEC 08****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