

## Technical data sheet

### BC PU Top coat

#### Two component Aliphatic Polyurethane System

##### Description:-

BC PU Top coat is a two component heavy duty polyurethane seal coat used as UV Stable finishing layer over pure and Hybrid polyuria water proofing systems.

##### Typical Uses:-

BC PU Top coat is suitable for the following application:

- Waterproofing roofs, parapets, flashings ,and as durable final coat over polyuria water proofing systems

##### Benefits:-

- Resilient, flexible and weather resistant.
- High elasticity and excellent adhesion.
- Easy to apply and economical.

##### Technical Properties:-

Appearance/Color	Liquid Coating, As per std
Density	1.27±3%
pH	8-9
Solid Content	>85 %
Elongation at Break (ASTMD412-98A)	500-600 %
Tensile Strength (ASTMD412-98A)	1.1N/mm <sup>2</sup>
Tensile Recovery	90%
Water Vapor Transition(ASTM E96-95)	0.45-0.5g/h.m <sup>2</sup>
Tensile Adhesion	0.8N/mm <sup>2</sup>
Chemical Resistance	Alkalies, solvents, Diesel, etc.
UV resistance	No effect after 2000hours
Applicable Temp	+5°Cto35°C
Over coating time	6-8 hours depending on application thickness ad Ambient temperature

##### Instruction to Use:-

##### Surface Preparation

All surfaces must be clean, dry, sound and free from contamination such as loose and peeling paints, dirt, dust, grease, oil, wax, rust and chalk. Repair any damage areas with appropriate patching material and allow to dry prior to application of BC PU Top coat.



### **Application:-**

BC PU Top coat is ready for use after mixing with poly isocyanate curing agent and can be applied by brush or roller. Apply BC PU Top coat in two crossed coats at total thickness of 100- 300 microns.

### **Precautions:**

Do not apply the BC PU Top coat if the ambient temperature less than +5°C. Protect the BC PU Top coat coating from rain.

### **Coverage:-**

Approx. 2.5 Sqm / Liter @ 300 micron thickness depending on surface conditions.

### **Packaging**

BC PU Top coat is packed in 20 liter metal can. High temperatures accelerate the process while greater thicknesses require maximum time for curing.

### **Storage**

Store under dry shaded area in the original closed container

### **Shelf Life**

12 months from date of production if stored as recommended.

### **Health & Safety:-**

While using all construction chemical products, should be careful and avoid direct contact to eyes, skin and hands. Wear gloves and goggles while handling this product. If sever burn to eyes, skin or hands, consult a Doctor immediately.

#### DISCLAIMER

The data presented in this sheet are based on laboratory testing and practical experience. Variations in substrate, application method, and environmental conditions may impact performance. Users are advised to carry out tests under their own conditions. Building Chemistry Industry's responsibility is limited to the product replacement in cases of proven manufacturing defect.

