



## **CEME WATERGUARD PU – 804**

“Polyurethane Based Water proofing & Heat Proofing Coatings”

### **Description:-**

**Ceme Waterguard PU - 804** is a cold applied Single component Moisture cure Aliphatic Polyurethane waterproofing and heat proofing protective Sealing liquid membrane.

### **Advantages:-**

- Wet Areas
- GRP & GRC
- Concrete walls
- Highly Elastic
- High Tensile Strength
- Crack Bridging
- Rubber like Membrane
- Resistant to oxidation
- UV Resistant
- Highly durable
- Repair Friendly

## **APPLICATION DETAILS**

### **Surface Preparation:-**

Substrate should be clean, free from dirt, dust, and all loosely adhering particles. Cement-based surfaces should be thoroughly saturated with water to achieve surface saturated dry condition. All cracks larger than 1mm should be filled with cement base concrete repair Steel surface should be grit blasted then clean by solvent and kept to dry.

### **Method of application:-**

1. Apply Primer SEAL of **Ceme Waterguard PU - 804**
2. Apply 1 SEAL of **Ceme Waterguard**
3. Single Reinforcement sheet Fiber mesh or geo textile 120gm “optional” for angle filling depending on the porosity of the substrate and tear resistance requirements”
4. Apply final layer at a rate of 0.6-0.7mm
5. Optionally, Apply **Ceme Waterguard** as a top for higher durability

### **Material Data:-**

<b>Type:</b>	Polyurethane
<b>Form:</b>	White
<b>Packing:</b>	20 Kg or as per requirement
<b>Storage Condition:</b>	12 months in unopened Packaging, between 5° & 35°C

### **Technical Data:-**

Property	Value	Test Method
<b>Specific gravity</b>	1.1+ 0.05	ASTM D 1475
<b>Tensile Strength</b>	> 8 N	ASTM D 412
<b>Tear Resistance</b>	>15 N	ASTM D 624
<b>Shore Hardness</b>	A 70	ASTM D 2240
<b>Elongation at Break</b>	>600	ASTM D 412
<b>Resistance to Bacteria</b>	No Attack	ASTM D 4299
<b>Resistance to algae</b>	No Attack	ASTM G 29
<b>Service Temperature</b>	30 to 80 °C	

### **Uses:-**

**Ceme Waterguard PU – 807** is suitable for fixing:-

- 1- Basement & Lean
- 2- Roofs
- 3- Masonry & Metal Surfaces
- 4- Concrete

### **Curing:-**

2 – 4 Hr. Touch Dry  
12 – 24 Hr. partial curing & subject to water test  
48 hr. complete curing

### **Safety:-**

#### **Prevention:**

- Do not breathe dust/fume/Gas/mist/vapors/spray
- Wear protective gloves/protecting clothing/eye protection/face protection
- In case of inadequate ventilation wear respiratory protection

### **Materials & Formulation:-**

All Raw Materials is imported from Germany, Dubai & China formulated in Pakistan