



## **BP Rushcoat** (Mineral based Bonding Rush Coat for Sand-Cement Plaster)

**BP Rushcoat** is mineral based, dry, pre-mixed bonding slurry specifically designed to give a mechanical key for subsequent layers of Renders, Gypsum or Cement based plasters on blocks, smooth concrete, and ceilings. With the use of BP Rushcoat, tedious and time consuming hacking of concrete is not required.

**Surface required:** Surface should be clean and free from dirt, loose dust, coatings, sealers, curing compounds and other foreign particles. It should be dampened with clean potable water to neutralize background suction. To avoid de-bonding, free water should be allowed to disperse prior to spraying BP KeyKote.

### **Directions for use:**

**Mixing:** Pour 4.5-5 litre of clean potable water in a clean plastic bucket or an uncontaminated metal container. While using an electric agitator, slowly add the contents of one 25 kg bag of BP Rushcoat to the water. Mix until a uniform homogeneous slurry/mix is obtained and leave to stand for 5 minutes then stir again before spraying on the surface. Any hard or set material should be discarded and should not be remixed or reused.

**Application:** After Mixing, spray BP Rushcoat onto the prepared substrate by using a slurry spray gun or by a hand held rush machine. Spray on an entire prepared area and allow the applied material to stiffen before applying a second coat. Ensure that the entire surface area is covered with BP Rushcoat and a rough texture is obtained. Working time is 45 minutes.

**Curing:** BP Rushcoat must be cured for a minimum of 24 hours by spraying potable water at least thrice a day and allowing it to harden before any plastering or rendering can be allowed.

### **Typical Properties:**

- Appearance : Grey granular powder
- Grain Size : Up to 2 mm
- Binder : Portland cement
- Shelf Life : 6 months, if stored properly
- Mixing Ratio : 4.50-5 L of water per 25 kg bag
- Coverage : 10m<sup>2</sup>@ 2mm average thickness
- Density : Wet: 1.90 kg/L; Dry: 1.86 kg/L
- Flexural Strength : 5 N/mm<sup>2</sup> @ 28 days
- Comp. Strength : 25 N/mm<sup>2</sup> @ 28 days
- Pull Off Strength : 0.4N/mm<sup>2</sup> (BS 1881)

### **Notes:**

Movement joints should be provided in accordance with normal practice. Refer to published local standards or BS 5385 and CP 202.

### **Workability:**

Working time of BP Rushcoat is 45 minutes at 25<sup>0</sup>C, after 5 minutes standing time and the mixed material must be used before drying out occurs; and therefore, it is essential to work with a small quantity preferably one bag at a time.

### **Standards:**

BS 5262, 5492  
ASTM C 387  
DIN 1855

**Coverage:** 10m<sup>2</sup>per bag @ 3mm average thickness

### **Composition:**

BP Rushcoat is a blend of Portland cement, graded sand and, chemical additives, and high organic polymer content additive.

### **Code Practice:**

Plastering should be carried out in accordance with relevant British Standards or BS Codes of Practice, details of which can be obtained from BS Institute, British standard House, 2 Park Street, London W.1.

**Pack Size:** 25 kg plastic sacks

### **Shelf Life & Storage:**

12 months if stored properly in original unopened packing in dry conditions away from direct sunlight.

### **Quality & Care:**

All the products manufactured and originated from Gulf Minerals and Chemicals, UAE facility are independently tested and certified under a Buildplus Management System to conform to the requirements of the quality, environmental, health & safety Standards.



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### Important check points:

- The surface is dampened before application
- The newly Rushcoat applied surface is protected from direct sunlight by covering with jute for at least 24 hours
- Check that the Rushcoat is cured for at least 2 days
- A mild steel chicken-mesh can be fixed at corners and joints to avoid cracks at joints
- Get the work inspected by engineers at site for faults by checking for even & required thickness

### Technical support:

Buildplus offers comprehensive technical support service & specification assistance in locations to our channel partners, end users, and contractors.

### Health & Safety Precautions:

This product contains Portland cement which is slightly alkaline when wet. For people with sensitive skins may cause irritation. As a general Code of Safety Practice all chemical products should be treated with care, kept away from children and animals, especially protect eyes and skin. In an emergency seek medical advice.

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