

# BP-ReadyPlast

## Polymer Modified Waterproofing Ready Plaster Mortar

### Description

**BP-ReadyPlast** is a single component polymer modified waterproofing premix plaster mortar. It is a water resistance monolithic plastering/repairing mortar with a ratio of well graded fillers, cement, polymers and chemical additives for applications in civil construction works which is convenient, easy to use and bonds stronger to its substrate. **BP-ReadyPlast** is also designed to provide smooth surfaces both internal and external plastering. It is also capable enough to protect the wall from external UV rays, saline, dampness, shocks, rain, humidity, etc.

### Application Area

**BP-ReadyPlast** is used for all types plastering jobs such as external and internal walls, ceilings, columns and partitions plastering. **BP-ReadyPlast** is suitable for:

- ✓ All block masonry works
- ✓ Brick & Stone masonry works.
- ✓ Concrete surfaces.

### Advantages

**BP-ReadyPlast** provides the following beneficial properties:

- ✓ Suitable for external & internal plastering work.
- ✓ Ready to use, only addition of water is required at site.
- ✓ Better consistency
- ✓ Reduced shrinkage cracks
- ✓ High compressive strength
- ✓ Excellent water retention
- ✓ Low water permeability & enhanced durability
- ✓ Excellent coverage
- ✓ Uniform and smooth finish
- ✓ Save paints when painting
- ✓ Excellent adhesion & Easy to apply.

### Typical Properties

Property	Test Method	Value
Component		Single
Form		Powder
Colour		Grey
Bulk Density		1.5 - 1.6Kg/Litre unit
Compressive Strength	ASTM C109 / C109M-01	> 12 Mpa in 28 days
Flexibility	In-House Test	Min 1.8 Mpa in 28 days
Water Retentivity	EN 1015 - 8	Min 95% (EN 1015 - 8)
Pot Life		Min. 40 min

### Design Criteria

For best results a mechanically powered mixer should be used to achieve a good consistency. The selected water content should be accurately measured and poured into the mixer. The total content of the bag should be slowly added and continuous mixing should take place for 5 minutes. Re-mix again about 2 mins before application.

### Surface Preparation

Surface preparation is a very vital issue and this influences the integrity of the job. Hence, care must be

exercised when the preparation is done. be free of dust, loose particles, oil, grease, paint, and other such contamination which may affect the bonding. Cleaning can be carried out by suitable methods like wire brush, water jetting, mopping etc. If the surface is porous and absorbent substrate, it should be moistened with potable water.

### Application Guidelines

**BP-ReadyPlast** is a ready-to-use, only addition of water is required at site. Apply the mixed plaster uniformly on the substrate using a steel trowel. The plaster can then be levelled to a desired finish using masonry tools like straight edge and masonry bob. Different finish can be achieved using steel trowel, wooden fl oat or sponge as per finish required.

### Curing

Curing can be started after 24 hrs by light sprinkling of water 2 to 3 times a day till 5 to 7 days. Alternatively suitable curing compound from **BP- JetCure** range maybe used. Low temperatures and high atmospheric humidity will slow down the curing rate, and vice versa.

### Packaging

25 Kg Bag.

### Coverage

Coverage varies depending on factors such as type and quality of substrates i.e. surface regularity and application method.

### Storage & Shelf-life

12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.

### Limitations

Do not add any additional substance, like cement, sand etc. These may adversely, affect the performance of the product. The product should not be used when the temperature is below 5°C and falling. The product should not be exposed to running water on the application area during application. Exposure to heavy rainfall prior to final set may result in surface scour.

### Cleaning

Clean all equipments and tools with water immediately after use. Hardened material can be removed mechanically.

### Health and Safety

During use, avoid inhalation and contact with the skin or eyes. Gloves, goggles and suitable mask must be worn. Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately. Regarded as non-hazardous for transportation. Do not reuse containers. To be disposed off as per local rules and regulations.

### Quality & Care

Conpacmix (BD) Ltd acquired German technology for an updated production facility and set up a state of the art laboratory facility for conducting regular quality assessments on raw materials procured and finished products. Process from procurement of raw materials to finished products, are managed by qualified and



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experienced engineers, chemists and technicians.

**Note:** Field service where provided does not constitute supervisory responsibility. Suggestions made by **Conpacmix (BD) Ltd.** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **Conpacmix (BD) Ltd.**, are responsible for carrying out procedures appropriate to a specific application.

Manufacture:

