

# BP-JetCure GP

## General Purpose Curing Compound and Surface Sealer

### Description

**BP-JetCure GP** is an environment friendly, solvent free curing compound based on specialised inorganic materials. It hardens and seals cementitious surfaces, improving its abrasion resistance.

### Application Area

**BP-JetCure GP** is used to seal vertical and horizontal concrete surfaces thereby retaining moisture for effective curing of elements such as columns, beams, slabs, screed, repair mortar, plaster, render, etc. It is used especially where the concrete surface will be subsequently coated with acrylic coatings, epoxy coatings, paints, etc.

### Advantages

- ✓ Prevents premature moisture loss from concrete
  - ✓ Improves hydration of cement
  - ✓ Does not interfere with adhesion of subsequent treatments
  - ✓ Non-staining
  - ✓ Provides dust free concrete surface
  - ✓ Reduces shrinkage and associated cracks
  - ✓ Saves labour
  - ✓ Dries quickly without odour
- Available in transparent and fugitive colours

### Typical Properties

Property	Test Method	Value
Component		Single
Form		Liquid
Colour		Clear, Blue, Red and White
Specific Gravity	ASTM D1475	1.10 +/- 0.05
Curing Efficiency	BS 7542	> 75%

### Surface Preparation

Concrete surface should be free from mould release agents, standing or bleed water and other impurities.

### Application Guidelines

**BP-JetCure GP** is ready to use and should not be diluted. Stir well before use. Start applying **BP-JetCure GP** once the "free" water evaporates from horizontal surfaces or once the vertical forms are stripped. Where conditions are particularly adverse, **BP-JetCure GP** may initially be used in conjunction with polythene sheet. **BP-JetCure GP** should be applied uniformly with knapsack spray equipment, woollen rollers, brush, etc. Two coat application is recommended. **BP-JetCure GP** does not adversely affect the bonding between the substrate and the

**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:



subsequent finish such as: repair mortars (epoxy and polymer modified), Tile Adhesives (epoxy and polymer modified), paints based on PVA or acrylic co-polymers, Bituminous emulsion, epoxy and polyurethane floor coatings. For other types of subsequent coats, bond strength needs to be verified by onsite testing.

### Packaging

4 kg, 10 kg and 20 kg

### Coverage

5-6 m<sup>2</sup>/kg/coat (coverage depends on surface finish, porosity and texture).

### 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

At temperatures above 35°C, it is recommended that measures are taken to reduce material placing temperatures. These include, storing materials and equipments under cool shade and away from direct sunlight. Avoid installation during the hottest part of the day. Ensure that water temperature is kept below 20°C. Should not be used in unrestrained area.

### Cleaning

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

### Health and Safety

This product contains cement powders which, when mixed with water or upon becoming damp, release alkalis that can be harmful to skin. During use, avoid inhalation of the dust 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 experienced engineers, chemists and technicians.