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## P8J JAYCOMORTAR KIT

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### DESCRIPTION

**JaycoMortar P8J** is a highly elastic, crack bridging, UV stable, tropical grade, waterproof and protective, coating. Cementitious based with a synthetic resin additive, available in Kit form, as a 15kit.

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### FEATURES

- Crack bridging capability up to 3.2mm @ 20° C.
  - High flexibility and long term durability.
  - Resistant to carbonation and the ingress of chloride ions.
  - Protects reinforced concrete against corrosion (concrete repair systems).
  - 100% waterproof but permeable to water vapour.
  - Excellent adhesion to most substrates.
  - Weather resistant and UV stable in tropical conditions.
  - Available in concrete grey, dark grey and cream.
  - Safe for the contact with food and potable water.
  - Self-priming.
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### AREAS OF APPLICATION

- Under tile waterproofing, bathrooms and balconies.
  - Parapet walls, flower boxes and fish ponds.
  - Corrosion protection, damp and waterproofing to:
    - Beams & columns.
    - Concrete ceilings and walls.
    - Bridges, silos and concrete towers.
    - Most civil structures.
    - Farm dams and reservoirs.
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# TECHNICAL DATA SHEET



## PROPERTIES

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Packaging	15kg kit, A+B Components (A=4.8kg; B=10.2kg)
Curing Time	Touch dry 30 minutes @ 25°C ambient Full cure = 7 days
Specific gravity	1.7kg/l
Coverage	1.5-2kg/m <sup>2</sup> /mm thickness DFT : 1mm per coat unreinforced
Colour	Concrete grey
Toxicity	Non-toxic when mixed and fully cured
Shelf life	12 months from date of manufacture if stored in unopened original packaging in dry, frost and moisture free conditions
Resistance to water pressure	Positive : 2.4 Bar Negative : 1.2 Bar

## APPLICATION GUIDELINES

1. Surface Preparation
  - A clean, sound structure is required. Remove all oils, stains and imperfections.
  - It may be necessary to high pressure clean @ min. 120 bar pressure and thoroughly rinse the surface.
  - The substrate must be dampened prior to application, leave no standing water. **Do not** dampen between coats; remove any condensation water with a clean cloth.
  - No additional priming is required on sound cement based substrates.
  - Apply the product with a painter's block brush or quality mohair roller – can be spray applied
  - Apply two coats of **JaycoMortar P8J**, waiting for the first coat to set-up before applying the second, so as not to draw off the first, between 4-24 hrs is suitable.
  - Each coat should be applied at a rate of 1.5 kg/m<sup>2</sup> minimum.



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- Apply the first coat in a vertical motion and the second horizontally in order to effectively eliminate the possibility of pinholes.
- The total thickness of the coating should not exceed 2mm in thickness.
- The final coat can be smoothened using a putty knife or steel trowel.
- Mortar must be used within 20 minutes of preparation (25° C)

## 2. Mixing

- Pour most of the liquid part in to a suitable sized container. Slowly add all of the powder whilst stirring with an electric paddle mixer.
- Mix until a homogeneous slurry is obtained. The balance of the of the liquid can be then added to adjust consistency of the final product, especially when applying to overhead or vertical surfaces.
- To obtain a more fluid consistency add water to a maximum of 15 ml to the mix.
- Allow to stand for approximately 3 minutes before applying.

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## RECOMMENDATIONS

- If coating of substrates showing evidence of micro cracking or which are likely to be subjected to dimensional changes, it is advisable to reinforce the first coat of mortar with a product soaked open cell cloth, then apply the second coat as above.
- High traffic areas should be protected against abrasion.
- **JaycoMortar P8J** can be over-tiled, but a bonding coat of **Jayconcrete Standard P6J** must be applied between the coating and tile glue.
- Clean tools with water immediately after use.
- Substrate temperature range for use: 5° C - 35° C.
- Water tanks and ponds should be thoroughly rinsed after 7-day cure period before filling.
- Do not expose the product to direct sunlight, wind, frost, rain within 24 hours of application. Apply acrylic curing compound if necessary.

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## CLEANING

- Clean all tools, rollers and brushers immediately after use with clean water.
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## HEALTH AND SAFETY

**JaycoMortar P8J** powder is irritating to eyes, respiratory system and skin. Avoid inhalation of dust and wear suitable respiratory protective equipment. **JaycoMortar P8J** is not classified as dangerous. **JaycoMortar P8J** when mixed becomes highly alkaline. Suitable protective clothing, gloves and eye protection must be worn.

For both components and mixed material avoid contact with skin and eyes. In case of skin or eye contact, rinse immediately with plenty of water and seek medical advice.

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The information contained in this technical data sheet is to the best of our knowledge correct. NO GUARANTEE IS EXPRESSED OR IMPLIED. Users must satisfy themselves as to the efficacy of the product in their application.

Customers are further advised to ensure that this data sheet is up to date as the information contained herein may be updated without notice.