

## TREATMENT OF TIE BOLT HOLES (TO BE READ IN CONJUNCTION WITH PRODUCT DATA SHEETS)

### PRODUCTS

M P&P Mortar

Flupp 22ST

Xypex Gamma Cure



### GENERAL:

This method statement details the products and procedures to treat Tie Bolt Holes (where internal diameter of the spacer tube is 22mm).

### SURFACE PREPARATION:

After the formwork and all tie bolts have been removed the following surface preparation should be undertaken:

Remove the rigid PVC cone from the concrete element to expose the concrete surface up to the spacer tube.

Scabble the internal surface of the concrete up to the spacer tube to remove any surface laitance, form release agents etc., to provide an open capillary surface.

Remove all dust and loose material. M P&P Mortar requires a Saturated Substrate and Damp surface (SSD). Concrete surfaces must be thoroughly saturated with clean water prior to the application. Remove excess surface water before the application. If concrete surface dries out before application, it must be re-wetted.

### APPLICATION:

1. Insert the **Flupp 22ST** into the spacer tube ensuring the flange on the **Flupp 22ST** is hard against the outer edge of the spacer tube.

**Note:** Immerse the **Flupp 22ST** into warm water and use a 12mm wooden dowel with rounded end to assist with the insertion.

2. Mix **M P&P Mortar**, four (4) parts powder to one (1) part clean water into putty like consistency. Do not mix more **M P&P Mortar** that can be applied in 10 minutes.

**Note:** Water quality can vary and will require an adjustment to the quantity of water required to attain the desired properties of the mixture.

3. Ensure that the surface of the concrete is damp and apply the **M P&P Mortar** over the **Flupp 22ST** to fill the tie bolt hole to profile.
4. Curing is recommended. Apply a mist spray of **Xypex Gamma Cure**. Mix three (3) parts clean water to one (1) part **Xypex Gamma Cure**.

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