

# MasterSeal<sup>®</sup> 909

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## Re-injectable hose for construction and cold joints in concrete

THIS METHOD STATEMENT COVERS THE INSTALLATION AND INJECTION OF **MasterSeal 909**, INJECTABLE HOSE WATERSTOP SYSTEM FOR CONSTRUCTION JOINTS IN CONCRETE.

### METHOD STATEMENT: MasterSeal 909

#### 1. INSTALLATION:

- 1.1. The surface to which the **MasterSeal 909** is to be fixed should be reasonably smooth, without sharp projections.
- 1.2. Fix the hose in the desired position, which for a single run of hose should be the centre, of the concrete wall or slab for thickness up to 600mm, using the **MasterSeal 909** clips spaced at 250mm centres. Do not fasten to reinforcing steel.
- 1.3. The **MasterSeal 909** re-injectable hose is installed in lengths up to a maximum length of 12m.
- 1.4. Start at the end to be injected leaving the PVC hose protruding out of the wall or slab.
- 1.5. At the vent end turn the hose out of the wall or slab.
- 1.6. The next piece of hose that is fixed should overlap the previous one with 100mm to ensure continuity of resin in the joint when injection takes place. The overlapping end is also turned out of the wall or slab to allow access for injection or venting.

#### 2. INJECTION of MasterSeal 909 by MasterSeal 901 injection resin

- 2.1. Using a suitable injection pump and packer, connect the packer to the **MasterSeal 909** hose that is now concreted in the wall.
- 2.2. Remove the closure plug from the vent end.
- 2.3. Inject the chosen mixed resin until it flows from the vent end.
- 2.4. Close the vent end with an injection packer or nipple.
- 2.5. Continue injecting the resin until the desired pressure is reached or resin seeps out of the construction joints.
- 2.6. Maintain pressure for 5 minutes, then inject from the opposite end of the hose (vent end), having first closed off the injection end.
- 2.7. Close off the vent end that has just been injected and remove equipment.
- 2.8. Continue injection into the next length of hose or clean up equipment.
- 2.9. The injection of the hose may be carried out at any time either before switching off the dewatering or afterward if leaks are noticed. For more details and specific method statement for injection procedure in each case, please contact **BASF** Technical department.

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