



## SPECIFICATION

### APPLICATION OF HydraTech WATERLINE

#### 1. PREPARATION

##### (a) STEEL SUBSTRATES

- (i) High-pressure water wash all surfaces using a suitable detergent until all contaminants are removed.
- (ii) Rinse all areas with clean tap water and allow to dry.
- (iii) Blast clean to Swedish Standard SA 2.5 using clean angular grit to produce a profile of 3.0 to 4.0 mils (75 to 100 microns).
- (iv) Prior to application, all surfaces must be clean, dry and sound.

##### (b) CONCRETE SUBSTRATES

- (i) Clean all areas using a high-pressure water wash and suitable detergent until all contaminants are removed.
- (ii) Rinse all areas with clean tap water and allow to dry.
- (iii) Repair any faulty areas by filling or rescreeding. Allow all fillers, screeds to fully cure/dry as per manufacturer's instructions.
- (iv) Lightly grit blast all surfaces to remove any latence or friable materials and provide a good mechanical key.
- (v) Prior to application, all areas must be clean, dry and sound.



## 2. CONDITIONS

- (i) Prior to, and during, application, all surfaces must be clean, dry and sound.
- (ii) Coating should not take place if:
  - the temperature is below 40°F (3°C)
  - the relative humidity exceeds 85%
  - (on steel) substrate temperature is less than 5°F (3°C) above the dew point
  - (on concrete) the substrate has a moisture content greater than 50% measured with a Protimeter concrete surveymaster
- (iii) During application, regular wet film thickness readings must be taken to ensure the required dry film is obtained.
- (iv) Due to the chemical cure of the materials, they must be thoroughly mixed. The system must be allowed to cure for 16 hours prior to being placed back in service or commissioned.

## 3. APPLICATION

Apply, by spray, one full spray coat of "HydraTech WATERLINE" at a theoretical coverage rate of one square meter per liter to give a dry film thickness of 40.0 mils (40.0 mils wet film thickness) [1000 microns (1000 microns wet film thickness)]. Allow a minimum of 16 hours cure before recommissioning the equipment.

A clear spark test is recommended on conductive substrates. Allow a minimum of 6 hours (maximum 48 hours) before overcoating if patch repair is required.