



**CHEMILINK**  
ZERO WASTE ENGINEERING

## CHEMILINK™ SS-234

### Waterplug-Quick Set Hydraulic Waterstopping Mortar

#### Description

Chemilink™ SS-234 is a ready-to-use and chloride free hydraulic mortar in powder form. When mixed with water to form a powerful fast setting permanent waterplug, it tenaciously seals off active water in few minutes. It is an ideal and easy-to-use high-tech material for instant stopping of water leakage through concrete and masonry.

#### Typical Uses

- Stopping leakage and seepage through general masonry, concrete floors, junctions and walls
- Stopping leakage around inserts such as pipes and sleeves
- Plugging holes, static cracks and faults above and below grade
- Anchoring of bolts, railings, fixtures and dowels in wet condition for installation of equipment or machines.
- Repairing water-holding structures
- Patching mortars and concrete

#### Advantages

- Instantly stopping the running water;
- Setting as fast as 30 seconds;
- Full hydraulic – therefore, will set under water with various setting time from 30 to 90 seconds which can be designed, depending on customer's requirements;
- High initial and long-term compressive and tensile strengths;
- Easy to use;
- Non-metallic, non-toxic and no chlorides.

#### Technical Data

- Specific Gravity: 3.0
- Compressive Strength at 28 days: 30 MPa
- Flexural Strength at 28 days: 6 MPa
- Mixing Proportion (SS-234 : Water): 1 : (0.25 ~ 0.30)
- Hardening Time: 30 seconds

#### Surface Preparation

Areas to be plugged must be free from any loose concrete and laitance. Chipping is required at the place required to be plugged in order to obtain an opening with clear edges.

#### Mixing

Wearing rubber polyethylene gloves and mix Chemilink™ SS-234 with clear water in the ratio of 4:1 (powder to water) for 15seconds. Continue working into a shape suitable for application for a further 15 seconds.

#### Precautions

The applicable temperature is from 5°C to 35°C. Avoid contact with eye and skin for prolonged periods. Wash thoroughly after handling. In case of eye contact, flush with water for at least 15 minutes and consult physician immediately.

#### Package & Coverage

Package: 5kg powder/pail

Coverage: 1.7kg to plug up a volume of 1 litre

#### Storage

Chemilink™ SS-234 has a shelf life of 6 to 12 months if stored sealed in a cool and dry place.

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Total Solution Provider for Civil & Building Construction

*Our technical advice on the uses of our materials is given without obligation. The buyer is responsible for the application and processing of our products, and he is also liable for observing any third party rights. Technical data concerning our products are typical values.*

### CHEMILINK™ TECHNOLOGIES & PRODUCTS

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