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Ultra Swell

Hydrophilic water stop for non moving joints

Description

Ultra Swell is a butyl polymer / bentonite compound specifically formulated for use as a waterstop in non moving joints.

Advantages

- Good adhesion
- Positive expansion
- Easy application
- Durable
- No welding required

Application Instructions

Typical Properties

Appearance	Black
Expansion Ratio	160% max
Specific Gravity	1.4
Volatiles	<1%
Cone Penetration ASTM D217	40
Hydrostatic Head Pressure	345kPa
Application Temperature	-20° to 50°C
Service Temperature	-20° to 60°C
Storage Temperature	-10° to 30°C

Preparation

All contacted surfaces must be free of oil, grease or other contamination which may inhibit bond. Any cracked or weakened concrete should be removed prior to being repaired to provide a solid foundation.

Priming

Priming with Ultra Prime is essential to ensure good adhesion and placement. Allow the primer become tacky before applying the Ultra Swell.

Application

Apply the Ultra Swell to the substrate by hand using light pressure to bed the sealant onto the primed substrate. Remove the siliconised backing paper prior to the concrete pour.

Concrete placement can commence approximately one hour after application of the Ultra Swell.

Clean Up

Clean all equipment with water immediately after use. Dried primer may only be removed using Resiloc Thinners.

Estimating

Packaging

Ultra Swell is supplied in 7.5m rolls packed 8 rolls per carton. Carton weight 17kg
Ultra Prime is available in 1 and 4 litre containers.

Storage

Ultra Swell is a bentonite based product which must be stored in a dry area off the ground.

Precautions

Where temperatures less than 5°C or greater than 35°C are encountered, contact our Technical Staff for specific advice.

Ultra Swell is non toxic. Any contact with eyes or skin should be washed off with clean water. Protective gloves and clothing should be worn.

Note

Material safety data sheets for these and all Aitken Freeman products are available on request. Read the MSDS and product label carefully before using.

All reasonable care is taken in the compilation of this data sheet. All recommendations regarding use are made without guarantee as the conditions of use are beyond the control of the manufacturer.

Allied Products

Aitken Freeman manufactures a broad range of construction products and can supply the following:

- Grouts and anchoring systems
- Epoxy Surface Coatings
- Admixtures for concrete
- Adhesives & Sealants
- Floor toppings
- Floor levelling compounds
- Concrete Repair materials
- Waterproofing solutions

Refer to Material Safety Data Sheet for precautions and personal protection.

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