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Tecjoint A6

Hard wearing, economical, two part latex based sealant

USES

Tecjoint A6 is a hard wearing, economical joint sealant for concrete. Due to its' high rubber and low water content, Tecjoint A6 results in a flexible sealant with exceptional adhesion to most materials with negligible shrinkage.

BENEFITS

- Excellent adhesion to most surfaces
- Economical – good coverage
- Non staining material
- High strength
- Durable finish
- Ease of application

DESCRIPTION

Tecjoint A6 is a two part, latex based sealant, comprising a liquid component and a powder component. When mixed, these components produce a hard wearing joint sealant that is easily applied and exhibits excellent adhesion.

TYPICAL PROPERTIES

Colour	Light grey when mixed
Initial Set Time @ 20°C	30 minutes
Final Set Time @ 20°C	120 minutes
Shore A Hardness	80*

*Varying the powder to liquid ratio will affect hardness.

PREPARATION

All surfaces to be contacted by Tecjoint A6 must be free of oil, grease or other contaminants which may affect adhesion of the product. Loose concrete or other material should be removed from the surface and repaired prior to the application of the Tecjoint A6.

PRIMING

Priming is not required for Tecjoint A6 in most cases. Where the substrate is very porous however, adhesion will be assisted by priming with a slurry of Tecjoint A6 mixed 1:1 with clean water, or predampening the surface with clean water. Free water on the surface will reduce the bond.

MIXING

Tecjoint A6 should always be mixed by adding the powder to the liquid while slowly mixing by hand or a slow speed electric drill. This will prevent the generation of lumps in the mixed product.

The mix ratio will vary depending on the application, but a typical mix for joint sealing might be 2:1 powder to liquid by volume.

Only mix that quantity of material that can be used within the initial set time, approximately 30 minutes at 20°C. Do not attempt to rework or retemper any partially set material.

INSTALLATION

Once mixed, place the Tecjoint A6 into a gun or a container suitable for pouring the sealant into the joint. Fill the joint in a single pass, either by gun or pour. Take care not to overfill the joint, and remove any excess Tecjoint A6 from surrounding concrete by cutting off flush with surface after the initial cure. Use disposable equipment to minimise clean up

CURING

Tecjoint A6 is a cement based material which should be allowed to cure before being trafficked. Avoid heavy traffic over the joint for 48 hours.

CLEAN UP

All equipment should be cleaned immediately after use with water. Partially set Tecjoint A6 can be removed from tools and equipment using clean water.

SUPPLY

Tecjoint A6 is supplied as a two part product, comprising a liquid component in 20 litre plastic drums and powder component in 25kg bags.

STORAGE

Tecjoint A6 should be stored in a cool, dry place in original unopened containers. Shelf life under these conditions is 12 months. Extremes of temperature and the presence of humidity will dramatically reduce the shelf life of the product.

PRECAUTIONS

Tecjoint A6 is designed for use in ambient temperatures between 5° - 35° C and all properties listed above assume a temperature of 20°C. Where conditions outside this range are encountered, please consult our technical staff prior to application.

It is recommended that Tecjoint A6 be used on concrete that is at least 28 days old, to avoid excessive movement in the joint.

Material Safety Data Sheets (MSDS) are available to users of Aitken Freeman products on request. Please ensure you have read this data sheet, the MSDS, and the product label carefully before first use of any product.

TECHNICAL SUPPORT

Aitken Freeman offers a comprehensive range of high quality, high performance construction products. In addition, Aitken Freeman offers technical support to users and specifiers, and can arrange on-site visits to end users and contractors.

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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