

# HYDROLOX A6

## Rubber modified, cement based sealant and adhesive

### DESCRIPTION

Hydrolox A6 is a three part, synthetic rubber modified, cement based adhesive and sealant. It is specifically formulated for use as an economical, hard wearing joint sealant and for bedding and laying of both ceramic and resinous floor tiles. The combination of high rubber and low water content produces a flexible product with exceptional adhesion to most materials with negligible shrinkage.

Hydrolox A6 is particularly suited for use as a joint sealant in heavily trafficked, limited movement joints.

The product is supplied as a 25 kg bag of powder and two component gauging liquid.

### ADVANTAGES

- Excellent adhesion
- High strength
- Non staining
- Economical
- Durable

### APPLICATION INSTRUCTIONS

#### Typical Properties

Set Times@ 20°C	
Initial	30 minutes
Final	120 minutes
Application Temp. Range	
Minimum	10° C
Maximum	35° C
Full cure	48 hours @ 20° 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 and repaired to provide a solid foundation.

#### Priming

In most instances priming is not required. Where the substrate is very porous, adhesion will be improved by priming with a slurry of Hydrolox A6, mixed 1:1 with water, or pre-dampening with water. Free water on the surface will reduce the bond.

### Mixing

Hydrolox A6 should be mixed with a Hydrolox Liquid content equal to 24% volume to weight, e.g. 6 litres mixed Hydrolox liquid to one bag of Hydrolox A6 Powder.

Mix equal parts, Hydrolox Liquid part A and Hydrolox Liquid part B. (e.g. 3 Litres part A and 3 Litres, part B)

Add the powder to the liquid while mixing slowly to avoid lumps. Mix by hand or slow speed electric drill. Only mix that quantity of material that can be used within the pot life --- approximately 30 minutes at 20°C. Do not attempt to rework or re-temper any partially set adhesive.

### Application as a sealant

Place the mixed Hydrolox A6 into a gun or container suitable for pouring the sealant into the joint. Take care not to overfill the joint. Any excess on the surface may be cut off flush with the surface after the initial cure. Use disposable equipment to minimise clean up.

### Application as an adhesive

Apply the mixed Hydrolox A6 to the substrate using a notched trowel to give a finished bed thickness of 1 mm to 3 mm. Place the clean tiles directly onto this screeded bed within 15 minutes of application of the adhesive. Leave the joints open at the required width using suitable spacers. Lay an area over which one can reach before bedding the tiles with a straight edge or float until the adhesive partly fills the joint. Any adhesive which is extruded from the joint can be scraped off or cut back with a knife after it has set.

### CURING

#### Tile Adhesive

Protect the freshly laid tiles from premature drying out by covering with polythene film for the first 24 hours.

#### Joint Sealant

Avoid heavy traffic over joints sealed with Hydrolox A6 for a minimum of 48 hours.

### MARKETING SERVICES

THOMSON WHITE AUST P/L  
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### CLEAN UP

Clean all equipment with water immediately after use. Partially set adhesive may be removed from the surface of the tiles using a damp cloth. All set adhesive should be left for 24 hours to avoid disturbing the freshly laid tiles.

### ESTIMATING

#### Packaging

Hydrolox A6 is supplied as a three part product comprising 2 x 20lt pails containing Part A & B and 25kg bags of Part C.

#### Estimating Data

A 25 kg bag of Hydrolox A6 Powder mixed with 6 litres of Hydrolox A6 Liquid produces 14 litres of adhesive which will cover approximately 4.5 m<sup>2</sup> at an average of 3 mm thick. A scabbled surface will reduce the area covered by each kit.

When used as a joint sealant, each kit of Hydrolox A6 (mixed as above) will seal approximately 200 metres of joints of dimensions 6 mm x 12 mm.

**Please note:** this estimate makes no allowance for variation, or wastage on site.

### STORAGE

Hydrolox A6 Liquid part A, and part B contains a blend of rubbers which must stored away from extremes of temperature. Storage below 5°C or above 35°C will reduce the shelf life. Do not allow Hydrolox A6 Liquid to freeze.

once mixed, Hydrolox A6 Liquid has a limited shelf life. Do not store mixed Hydrolox A6 Liquid for more than two or three days after mixing.

Hydrolox A6 Powder (Part C) is based on an hydraulic setting high alumina cement and must be kept in a sealed bag in a dry area.

### PRECAUTIONS

Where temperatures less than 10°C or greater than 35°C are encountered, contact our Technical Staff for specific advice.

Hydrolox A6 is non toxic, but it is alkaline in nature. Any contact with eyes or skin should be washed off with clean water. Protective gloves and clothing should be worn.

Ensure that the concrete is at least 28 days old before using Hydrolox A6 as a joint sealant, to avoid excessive joint movement.

### TECHNICAL SUPPORT

AFTEK manufactures a comprehensive range of prepackaged construction chemicals including sealants, adhesives, concrete repair, grouts, flooring products and curing products.

Aftek offers technical support and on-site advice for contractors, specifiers and end users.

### NOTE

Material safety data sheets for these and all Aftek products are available on the 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

Aftek manufactures a broad range of construction products including:

Grouts

Coatings

Admixtures

Adhesives

Sealants

Floor Toppings

Floor Leveling Compounds

Concrete Repair