



a.b.e.® Construction Chemicals  
**bitu.®bond**

## SEMI-FLEXIBLE VINYL TILE ADHESIVE

### DESCRIPTION

**bitu.®bond** is a solvent-borne, filled bituminous solution.

### USES

Adhesive for bonding semi-flexible vinyl floor tiles and similar thermoplastic floor coverings to cement screeds and firm, even wooden sub-floors.

Not suitable for use on asphalt floors or for bonding fully flexible vinyl floor coverings.

### ADVANTAGES

- Single pack ready to use bitumen adhesive.
- Low cost.
- Economical.

### SURFACE PREPARATION

The sub-floor to be treated must be clean, sound and dry. All dust and loose material must be removed preferably by vacuum cleaning. Timber floors must be absolutely smooth and firm before they can be overlaid with semi-flexible tiles since inequalities will reflect through the covering.

### BONDING/PRIMING

If the sub-floor is very porous, it must be primed with **abe® bitu.®prime**, which should dry out before application of the **bitu.®bond**.

### MIXING

Stir well before use.

### COVERAGE

3,5 - 7 m<sup>2</sup>/l depending on surface quality.

### TYPICAL PHYSICAL PROPERTIES

Density	0,99 g/cm <sup>3</sup>
Color	Black
Dilution	Do not dilute
Flash point	7°C
Consistency	Viscous bodied liquid
Fire resistance	Wet film – flammable Dry film – low flame spread
Drying time	Will accept tiles 25-40 minutes after spreading depending on ambient conditions

### APPLICATION

Condition containers of **bitu.®bond** to room temperature for 24 hours. Spread well stirred **bitu.®bond** by means of a notched trowel 1,5 mm at 4 mm centres.

Tiling may commence when **bitu.®bond** passes the "finger tip" test described below:

1. Touch the adhesive lightly with a dry finger and check for staining.
2. When no staining is evident, press finger firmly into the adhesive film. Staining of the finger should be evident at this stage.
3. When **bitu.®bond** exhibits the conditions described above, laying may proceed.
4. If **bitu.®bond** does not stain when tested as per (2) above, the material has dried too far. Scrape off the dried **bitu.®bond** and replace with fresh material.

## CLEANING

Tools should be cleaned immediately after use and before material has set with **abe® super brush cleaner** followed by washing with soap and water.

## APPLICATION TEMPERATURE

10°C to 25°C.

## MODEL SPECIFICATION

**Solvent-borne bitumen adhesive for rigid vinyl asbestos tiles.**

The adhesive will be **bitu.®bond**, a solvent-borne filled bitumen adhesive applied in accordance with the recommendations of **a.b.e.® Construction Chemicals**.

## PACKAGING

**bitu.®bond** is available in 1L, 5L and 25L containers.

## HANDLING & STORAGE

This product has a shelf life of 24 months if kept in a cool, dry place in the original packaging. In more extreme conditions this period might be shortened.

## HEALTH & SAFETY

Uncured **bitu.®bond** is toxic and should not be allowed contact with skin and eyes. The use of gloves and eye protection is advised. Splashes into eyes should be washed

immediately with plenty of clean water and medical advice sought. Always ventilate the working area well during application and drying. **bitu.®bond** is highly flammable and naked flames and smoking must be avoided when applying the product. Avoid excessive inhalation.

Cured **bitu.®bond** is inert and harmless.

## IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.® Construction Chemicals** endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot - because **a.b.e.®** has no direct or continuous control over where and how **a.b.e.®** products are applied - accept any liability either directly or indirectly arising from the use of **a.b.e.®** products, whether or not in accordance with any advice, specification, recommendation, or information given by the company.

## FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. **a.b.e.® Construction Chemicals** has a wealth of technical and practical experience built up over years in the company's pursuit of excellence in building and construction technology.



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