

bitubond

Semi-flexible vinyl tile adhesive

DESCRIPTION

bitubond 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.

FEATURES & BENEFITS

- Bitubond is a 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 bituprime**, which should dry out before application of the **bitubond**.

MIXING

Stir well before use.

COVERAGE

3,5 - 7 m²/ l depending on surface quality.

TYPICAL PHYSICAL PROPERTIES	
Density	0,96 g/cm ³
Colour	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 **bitubond** to room temperature for 24 hours. Spread well-stirred **bitubond** by means of a triangular notched trowel 1,5 mm x 1,5 mm at 4 mm centres. When **bitubond** is ready to accept the tile, this is determined by the 'finger tip' test, namely touch the adhesive **lightly** with a dry finger. **No** staining is to be evident. Press **firmly** into the adhesive film. If staining is found, **bitubond** has dried too far. Scrape off and re-apply more **bitubond**.

CLEANING

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

TEMPERATURE AND RELATIVE HUMIDITY

Application temperature range:
+10° C - +25° C.

MODEL SPECIFICATION

Solvent-borne bitumen adhesive for rigid vinyl asbestos tiles.

The adhesive will be **bitubond**, a solvent-borne filled bitumen adhesive applied in accordance with the recommendations of **abe Construction Chemicals**.

PACKAGING

bitubond is available in 1 l, 5 l and 25 l containers.

HANDLING & STORAGE

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

HEALTH & SAFETY

Uncured **bitubond** 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. Avoid naked flames in the vicinity. Avoid excessive inhalation.

Cured **bitubond** is inert and harmless.

IMPORTANT NOTE

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

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Technical data sheet

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. **abe 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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