

## DESCRIPTION & BENEFITS

Elkabond Trowel Flex Adhesive is a high specification, trowel applied adhesive, specifically designed for fixing all types of wooden floors directly onto all common substrates, eliminating the need for battens.

Elkabond Trowel Flex Adhesive is based on the latest developments in hybrid technology and has the following key benefits:

- 100% active, solvent and water free - will not cause warpage or curl of wood blocks / planks.
- Permanently flexible - compensates for wood & subfloor movement. .
- Will bond wood directly to all common subfloors, e.g. concrete, wood, metal, ceramic tiles, vinyl, marble, granite and most natural stone floors.
- Suitable for use with under floor heating (**See flooring manufacturer's instructions to confirm suitability**)
- low odour
- Excellent gap filling properties for uneven surfaces
- Full bed elastic product gives excellent sound deadening / acoustic properties.

## SURFACE PREPARATION

- The surfaces to be glued must be sound, clean, dry and free from dust, grease and other contaminants.
- Existing floors must be free from all polish/wax.
- Prime / stabilise friable concrete / anhydrite and floors with residual adhesive with a suitable primer before application.
- New concrete must be dry - mature and be under 4% Mc. (**As measured with a none destructive impedance meter such as the Tramex CME4**)
- Always check moisture level of subfloor, if the moisture levels in subfloor are above those recommended by the flooring manufacturer, damp proof the floor with at least two coats of suitable liquid DPM.
- Chipboard must be free of release agents / wax.
- Very porous or friable surfaces should first be primed with a Suitable Primer and allowed to dry.
- Under floor heating must be turned off 48 hours before and 48 hours after the adhesive has been applied.

## APPLICATION

- Open tin and trowel onto floor. Spread evenly with a suitable notched trowel '**Minimum 0.5kg/m<sup>2</sup>**'.
- Do not spread more adhesive than can be covered within 1 hour.
- Place planks / blocks into position whilst adhesive is still tacky (**within 1 hour**) and tap into final position with mallet and block, removing uncured adhesive with ELKA WIPES (caution - test compatibility with lacquer / finished blocks first).
- Floor may be sanded / trafficked 24 hours after application, depending on site conditions (longer at low temperatures).

## LIMITATIONS

- Always check the flooring manufacturer's instructions for any specific requirements specifically relating to their product before fitting floors.
- Do not use against bitumen or substrates that bleed oil or plasticizers
- Do not use, store or allow to cure below +5 0C.
- This product is only suitable for direct applications to subfloors where moisture content level is below 4%. (**As measured with a none destructive impedance meter such as the Tramex cme4**)
- For applications where moisture level is above 4% the use of a suitable **liquid moisture barrier** is required.
- Never use this product on a subfloor above 7% humidity level even in conjunction with primer / moisture barrier.
- Failure to comply with these guidelines may result in failure of both the adhesive and flooring.

## HEALTH & SAFETY

### **ELKABOND TROWEL FLEX ADHESIVE**

Safe in normal use; however the following are recommended.

- Do not ingest.
- Keep out of reach of children.
- Wash hands after use
- Dispose of empty packaging correctly.
- Data sheet available for professional user on request.

Contains 3-(2-aminoethylamino)propyl trimethoxysilane and bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate. May produce an allergic reaction.

**COVERAGE** - Approx. 0.5kg/m<sup>2</sup>

## **STORAGE**

Store in cool, dry conditions between +5 and +25 0C. Ensure good ventilation. Storage outside these parameters will dramatically reduce shelf life. Opened tins must be closed airtight and used up as soon as possible (within 1 month)

## **SHELF LIFE**

12 months in original unopened containers when stored as directed.

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