

# ELKABOND TRADE FLEX

## DESCRIPTION & BENEFITS

Elkabond Trade Flex is a high specification foil packed adhesive, specifically designed for fixing all types of wooden floors directly onto all common substrates. Elkabond Trade Flex removes the requirement of traditional mechanical fixing methods such as screws and pins thereby greatly reducing fixing time and cost. Elkabond's elastomeric properties allow for thermal movement and helps reduce the causes of floor squeak. Elkabond Trade Flex also has excellent resistance to water, temperatures and ageing.

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

## MAIN FEATURES & ADVANTAGES

- 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.
- One-Part – Clean and easy-to-use – No mixing required
- No product waste during use
- Movement compensation caused by thermal dilation, vibration and shrinkage without the risk of breakage
- Excellent sound absorbing qualities
- No waste disposal problems with empty packaging

## 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 / stabilize friable concrete / anhydrite floors with residual adhesive and suitable primer before application.

### Always check the moisture levels of the subfloor

New concrete must be dry - mature and be under 4% Mc. (**As measured with a none destructive impedance meter such as the Tramex CME4**)

New concrete takes an average of 1 day per mm to cure for the first 50mm then 1.5 days per mm thereafter. This assumes the environment is stable and in 'LIVING CONDITIONS'

If the moisture level is above those recommended by the flooring manufacturer, damp proof the floor with a suitable liquid moisture barrier. Chipboard must be free of release agents / wax. Very porous surfaces must be primed with a suitable primer and allowed to dry. Basement / below ground floors must be adequately protected with a D.P.C and two coats of suitable primer applied as directed. Under floor heating must be turned off 48hrs before installation and left off for a further 48 hrs after the adhesive has been applied. Asphalt floors must be screeded over.

## APPLICATION

Cut off the tip of the sausage and place in to a suitable cartridge. Cut top off nozzle flat to leave a 8mm opening. Cut a V shaped profile down in to nozzle to a depth of approximately 10mm. fix nozzle and place cartridge containing sausage in sealant gun. Hold at 90 degrees angle to the floor and extrude out a triangular shaped bead, approximately 8mm wide and 10mm high at 250mm centres and at right angles to the length of the plank.

Position blocks / planks whilst adhesive is still tacky (within 1 hour) and tap in to final position with a mallet and block, removing uncured adhesive with suitable wipes. (Caution – test compatibility with lacquer finished block first) Floor may be sanded / trafficked 12 – 24 hours after application, depending on the site conditions (longer at low temperature).

**Always cross reference the suitability of this product with the installation guidelines provided with the flooring to be used to ensure compatibility.**

## STORAGE

Elkabond can be stored for 12 months in its original packing at 5° – 25° C in a cool, dry place. Close the packing carefully once the application is terminated.

## COVERAGE

Using a 10mm bead of adhesive, a 600ml sausage will cover approximately 2 square meters of flooring

## LIMITATIONS

- Always check with the flooring manufacturer re: any specific instructions / requirements specifically relating to their flooring before using this product.
- Do not use this product on flooring above 18mm x 130mm and 150mm x 20mm.
- Do not use against bitumen, asphalt or substrates that bleed plasticizers
- This product is only suitable for direct applications to unprimed subfloors where humidity level is below 2.5%.as measured with a carbide hygrometer (4% Mc **As measured with a none destructive impedance meter such as the Tramex CME4.**)

## HEALTH & SAFETY

### **ELKABOND TRADE FLEX**

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.

This product is manufactured to the highest standard and should be used in accordance with the manufacturing instructions. For technical and practical advice on this product contact your supplier.

MADE IN THE EEC

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