

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: Elkabond Rigid Adhesive (10litre)
Company name: Manufactured for and distributed by:
Spectrim,
Unit 4, The Furrows,
Barton Dock Rd.
Trafford Park,
Manchester
M32 0SZ

Tel: 028 30 250477
Fax: 028 30 250223
Email: info@spectrim.co.uk
www.elkaflooring.com

2. DESCRIPTION

A filled solution of synthetic polymer resins in a blend of solvents Formulated to a toweling consistency.

3. USES

For bonding solid and engineered flooring to concrete, (subject to the flooring manufacturer extending their warranty to cover this method of installation) cementitious screeds, flooring grade plywood, chipboard, hardboard and smoothing compounds where applicable.

We do not recommend sticking our flooring direct when installing over under-floor heating.

The adhesive must not be regarded as a damp proof membrane.

4. PREPARATION

All phases of the installation should comply with the latest editions of the following standards:

- BS CP102 Code of Practice for protection of buildings against water from the ground.
- BS8201 Code of Practice for flooring of timber, timber products, and wood based panel products.

SUBFLOOR:

- Ensure the subfloor is clean, sound, dry and free from contaminants that may hinder adhesion, including surface hardeners and additives. It should also have an effective damp-proof membrane.
- The subfloor should be tested in accordance with ELKA guidelines using a calibrated Tramex or equivalent non destructive concrete meter. A reading of 4% (2.5% CM Test / Din Standard) or less confirms that the subfloor is satisfactorily dry. Where this has not been attained, it is necessary to apply a surface membrane such as Laybond One Coat Membrane to suppress residual moisture, followed by an appropriate primer and a minimum of 3mm smoothing compound. For further information contact Spectrim Technical Services Department.

SMOOTHING COMPOUNDS:

- Mechanically remove any surface treatments on concrete bases.
- Repair any deep indentations in the subfloor with Rapid Repair Mortar, followed by a standard application of a smoothing compound.
- Where floors require smoothing, apply the compound at a minimum thickness of 3mm.

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EXISTING FLOOR COVERINGS

- Not recommended for use over existing floor coverings.

4. PRIMING

- Clean surfaces thoroughly. Prime boards and other porous surfaces with PVA (diluted 1:5 with clean water) or a solvent free, acrylic Universal Primer and allow to dry. This is particularly important with hardboard, chipboard and plywood.
- Ensure the manufacturer recommends the timber product for use with the particular substrate.

5. APPLICATION

- Spread evenly over the floor surface with a triangular notched trowel cut 2mm deep x 6mm for woodblock and parquet panels and 2.7mm deep x 5mm for wood strip and wood plank (*for floors that are not smooth the notch size may need to be increased*)
- Spread the adhesive with a sweeping motion at a 60° angle and place the wood into the adhesive while it is still wet. This will be within 10 – 15 minutes of application and to facilitate this, it is recommended that only 1m² is applied at a time. The wood should be pressed firmly into the adhesive to ensure good overall contact. The bonded wood should then be left overnight before any trafficking takes place.

Non/Low-Porous Surfaces:

- Apply a suitable smoothing compound to a minimum depth of 3mm and allow drying for 48 hours and again ensuring the subfloor reading is 4%. (2.5% CM Test / Din Standard) or less. Proceed as for Porous Surfaces.

6. SAFE HANDLING PRECAUTIONS

Keep away from sources of ignition including pilot lights and sparks (see Note). Take precautionary measures against static discharge. Keep containers tightly closed when not in use.

DO NOT SMOKE.

If used in an enclosed space ensure thorough ventilation of the area (using flame proof mechanical blowers if necessary) to avoid any accumulation of vapor until the product has dried. In case of fire use dry powder, carbon dioxide (CO₂), foam, sand or earth. Never use water as this may spread the fire.

Note: *Electric motors, light / power switches and steel tools may generate sparks sufficient to ignite the product or its vapor, resulting in an explosion and / or fire.*

Skin Contact:

Contains solvents that cause de-fatting of the skin and, in extreme circumstances dermatitis. Avoid contact by careful working and use of barrier cream on hands, arms and other exposed areas or wear gloves. Remove skin contamination immediately with a proprietary hand cleaner and wash with soap and water.

Eye Contact:

Avoid contact. Could be harmful. In the event of accidental contact, wash eyes immediately with clean water and obtain medical attention.

Inhalation:

Gives off irritating heavy vapors. Use only in well ventilated areas and use respirators containing cartridges suitable for use with organic solvents where necessary. In the event of discomfort as a result of inhalation move person to fresh air. If discomfort persists obtain medical attention.

Oral Ingestion:

With proper handling this should not occur. The possibility can be minimized by not consuming food in the working area and by washing hands thoroughly before eating, drinking or smoking.

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Spillage:

Spilt material should be mopped up immediately with an inert absorbent material, such as sand, and disposed of in accordance with regulations.

Disposal of Containers:

Do not leave containers on site where residue could be a hazard to children, animals or the environment. Replace lids securely and remove any containers to a central disposal point.

Cleaning of Tools:

Clean immediately after use with methylated spirit.

Storage:

12 months under good storage conditions in original unopened containers.

Storage Conditions:

Containers must be kept sealed and stored under cover away from sources of heat and ignition. Keep out of direct sunlight at a temperature of between 5oC and 40oC. Store under cover in tightly closed containers, in accordance with the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations (1972).

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Coverage:

Solid and Engineered Using a 2.7mm x 5mm notched trowel, coverage is 16m² per 10L.

- Keep away from sources of ignition - No Smoking.
- Use only in well ventilated areas.
- Keep container in a well ventilated place.
- Keep out of reach of children.
- Wear suitable protective clothing, gloves and eye / face protection.
- If swallowed, seek medical advice immediately and show this label.
- Dispose of this material and its container at hazardous or special waste collection point.

