

- solvent free
- wet bond or dry pressure sensitive use
- fine notched trowel or roller application
- extremely long working time
- permanent high tack
- high coverage
- high final bond strength
- no offensive odour

Description and Use

A high quality, pressure sensitive, solvent free, tackified acrylic emulsion adhesive. For use wet over dry, smooth absorbent subfloors or dry on non-absorbent subfloors. May be roller applied to minimise adhesive grin through and indentations. Suitable for use over normal underfloor heating installations, or where solar or other direct heat occurs. Suitable for installing unbacked vinyl sheet and tile floorcoverings, including safety flooring and foam backed acoustic vinyl floorcoverings. Also suitable for polyolefin floorcoverings, semi flexible tiles, domestic cushioned vinyls, vinyl or foam backed carpets and entrance matting.

Properties

Synthetic resin, acrylic adhesive with extremely high grab on all subfloors. High final bond strength.

Non-flammable – contains no solvent or ammonia and gives off no harmful or toxic emissions during or after use. Can therefore be used without restrictions in sensitive areas such as schools, hospitals, food preparation facilities etc.

Has low viscosity and is easy to spread with high coverage. For maximum coverage, and to reduce indentation and adhesive grin through, a fine notch Euro A2 adhesive trowel is recommended for smooth backed floorcoverings on suitable surfaces. Rolling with a paint roller pre-wetted with the adhesive will provide further protection.

When fully dry may be used as a pressure sensitive adhesive, also suitable for use as a wet-bond adhesive. The "double-drop" method is recommended for maximum, immediate grab. Can be used as a contact adhesive for vertical adhesion.

High resistance to plasticiser migration and, therefore, compatible with all types of pvc floorcoverings and backings.

For interior use only.

Technical Data

Coverage	4 – 6 m ² per litre using a Euro A2 notched trowel. Primary recommendation for floorcoverings with a smooth backing. 3 – 5 m ² per litre using a 1.5mm x 5mm trowel. For floorcoverings with a smooth backing. 2 – 3 m ² per litre using a 2mm x 6mm trowel. For floorcoverings with a heavy embossed backing. Coverage will depend upon the absorbency of the subfloor.
Open Time	Absorbent Subfloors: Lay into wet, typically 0 – 10 minutes dependent on conditions Non-absorbent Subfloors: Lay into dry, typically 20 – 40 minutes dependent on conditions or use the double drop technique.
Working Time	2 hours +
Set to Foot Traffic	After 24 – 48 hours
Final Strength	After 4 - 5 days
Colour	Cream - white
Specific Density	1.2 kg / litre
Hazard Classification	None
Underfloor Heating	Suitable provided that the subfloor surface does not exceed 27°C.
Packaging	5 litres (AF 1005) 15 litres (AF 1015)
Shelf Life	Min. 12 months.
Storage	Under cover at a temperature between 5°C and 30°C. Protect from frost. 15 litre containers should not be stacked more than four high.

Installation Requirements

The following documents and standards should be observed during installation.

BS8102, 1990	Protection of buildings against water from the ground.
BS8203, 2001	Installation of resilient floor coverings.
BS5325, 2001	Installation of textile floor coverings.

TARKETT - EMBOND 170

Pressure Sensitive Acrylic Flooring Adhesive

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Preparation

Subfloors must be prepared strictly in accordance with the floorcovering manufacturer's recommendations.

Direct to earth subfloors must incorporate an efficient damp-proof membrane.

Subfloors must be smooth, dry, clean, sound and free from dust, grease, wax polish and any other contaminant which would prevent good adhesion.

Very absorbent surfaces such as plywood, chipboard and dusty screeds should first be primed using watered down adhesive or a proprietary primer and then allowed to dry. Uneven screeds should be smoothed using a suitable smoothing underlayment.

Do not apply smoothing underlayments or adhesives where the subfloor temperature is below 5°C

Relative humidity of cementitious subfloors should not exceed 75% (when tested by the method described in BS8203). Damp subfloors may be treated with a suitable surface damp proof membrane where appropriate.

Anhydrite screeds should be prepared in the manner recommended by the manufacturer, allowed to dry and primed with the screed manufacturers recommended primer before fixing floorcoverings.

The primed floor should be considered as non-absorbent from an adhesive application standpoint.

Underfloor heating should be switched off throughout the installation and for a period of at least 48 hours prior to and for 48 hours after the installation. Heating can be reintroduced gradually when the installation is complete.

Directions for Use

Stir the adhesive thoroughly before use.

Spread the adhesive using a trowel with triangular notches. (See coverage overleaf)

The appearance of adhesive ridges through the vinyl may be reduced if the Euro A2 notched trowel is used or eliminated altogether if the trowelled out, wet adhesive is rolled out evenly with a foam roller that has been pre-wetted with adhesive.

ABSORBENT SUBFLOORS – lay the flooring while the adhesive is still wet, allow a short open time for the adhesive to develop tack. As the flooring is laid, press down firmly over the entire surface paying particular attention to the edges.

Roll in both directions with a 68kg roller to ensure overall contact.

For use as a pressure sensitive adhesive, allow to dry to a transparent tacky film before laying the floorcovering.

NON-ABSORBENT SUBFLOORS – allow the adhesive to dry to a transparent tacky film before laying. The rate of drying may be speeded up using a double drop technique, i.e. pressing the flooring into the wet adhesive and peeling it back so that both surfaces dry to a firm tack before relaying.

Warm, dry, well ventilated conditions will help the adhesive to dry quickly.

As the flooring is laid, press down firmly over the entire surface paying particular attention to the edges.

Roll in both directions with a 68kg roller to ensure overall contact.

Re-roll flooring within 30 minutes and as necessary to maintain overall contact.

Any adhesive on the surface of the flooring should be cleaned off whilst still wet using a cloth dampened with water.

Do not use solvent cleaners.

Do not seam weld sheet vinyl flooring until 24 hours after installation.

Ensure good ventilation and optimum conditions of temperature and humidity. Low temperatures and/or high humidity will considerably delay drying and strength development. Protect floorcoverings from heavy use until the adhesive is set to final strength.

Safe Handling

Refer to Health and Safety Data Sheet

This product is non-flammable and non-hazardous in normal use provided the following simple precautions are taken:

- Allow adequate ventilation.
- Avoid skin contact. Any contamination should be washed off with soap and water whilst still wet.
- If the product dries on the skin remove with a suitable hand cleaner.
- Splashes in the eyes, nose or mouth should be washed without delay with copious quantities of water.

Disposal

Any adhesive residue should be allowed to dry and harden in an area away from children and animals before disposal of the container as normal Construction Waste.

This information is based on our experience to date and the results of careful testing. However, practical application of the products is influenced by varying site conditions and methods of use. Their success is also dependent upon the professional judgement of the user and adherence to proper trade practice, which are factors outside our control.

As Tarkett operate a programme of continuous product improvement we reserve the right to amend the specification of our products without prior notice.

The issue of this product data sheet supersedes all previous information relating to this product.