

F.522

PRESSURE SENSITIVE ACRYLIC ADHESIVE

F.522 Pressure Sensitive Acrylic Adhesive is a water-based acrylic emulsion, formulated to dry to a permanently tacky finish. When laid into after drying, it can be used as a releasable adhesive; it can also be used for permanent bonding if laid into wet.

- Excellent coverage
- Solvent free & low odour
- Multi-functional for releasable or permanent bonding

Uses

F.522 Pressure Sensitive Acrylic Adhesive is suitable for the bonding of :

- **VINYL FLOORCOVERINGS:** Sheet goods, including foam cushion types, tiles and PVC backed carpet and carpet tiles.
- **CARPET:** Woven, jute backed, heavy duty latex foam backed, unitary and textile backed.
- It is also suitable for the release bonding of underlay.

Sub-Floors

Concrete bases, cement screed, smoothing & levelling underlayment, flooring grade chipboard, hardboard, plywood.

Specification

Adhesive Type:	Acrylic emulsion.
Colour:	Cream.
Flashpoint:	Non-flammable
Coverage:	Approx 4m ² per Litre – Permanent Bond* Up to 8m ² per Litre – Releasable Bond*. *Depending on porosity of floor and trowel notch size.
Application Temperature:	+10°C – +25°C.
Open Time:	Used as a dry-lay / pressure sensitive adhesive : indefinite if free of contamination, Used as wet-lay adhesive : up to 30 minutes, depending on temperature, humidity & substrate.
Setting Time:	Set to traffic after 18 hours, fully set after 24 hours.
Storage & Shelf Life:	12 months in original, unopened container stored between +10°C and +30°C.
Container Size:	15 Litre plastic buckets.

Directions for Use

Before starting work using F.522 Pressure Sensitive Acrylic Adhesive, please refer to the section headed "Handling Precautions" and to the separate Safety Data Sheet.

Preparation

Subfloors should be sound, clean, dry and free from rising damp, grease, dust or any loose material. Cementitious surfaces should have a relative humidity of less than 75%. Very absorbent subfloors should be primed with a suitable primer to prevent over absorption of the adhesive. Allow the primer to dry before applying F.522 adhesive. Underfloor heating should be switched off 48 hours before and after laying the floorcovering and then gradually increased after this period.

If in doubt, consult the relevant CFA Manual for Floor Preparation.

Application

DRY LAY RELEASABLE BOND: Using a triangular notched trowel (1.5 mm x 5 mm or 2 mm x 6 mm dependent on floorcovering) spread adhesive evenly over the substrate with a sweeping motion at a 60° angle. If laying vinyl floorcovering the adhesive can be smoothed out with a roller whilst wet. For release bonding of underlay apply the adhesive to the subfloor using a lambswool roller. Ensure the coverage rate does not exceed 8m²/litre. Allow the adhesive to dry completely prior to installation, approximately 60 minutes dependent on trowel, subfloor and temperature. At this stage, the adhesive will be tacky and should not be walked on. If access is required, cover adhesive with clean heavy duty polythene. The floorcovering, which should already have been cut to size, is laid directly onto the dry adhesive. Unless the floorcovering manufacturer recommends otherwise, it should be rolled immediately using a 60-75 kg roller to ensure good transfer of adhesive. After approximately 2 hours, roll again.

WET LAY PERMANENT BOND: Using a triangular notched trowel (1.5 mm x 5 mm or 2 mm x 6 mm dependent on floorcovering) spread adhesive evenly over the substrate with a sweeping motion at a 60° angle. Carpets and sheet floorcovering should be placed into the adhesive whilst it is still wet. Carpet tiles and flooring with non-porous backings should be laid when the adhesive has developed some tack (up to 30 minutes). A permanent bond will be achieved using this method. Unless the floorcovering manufacturer recommends otherwise, it should be rolled immediately, using a 60-75 kg roller to ensure good transfer of adhesive. After approximately 2 hours, roll again.

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Cleaning

Clean tools with warm water containing a little detergent whilst the adhesive is still wet. Once the adhesive is dry, use hot water or a solvent such as white spirit to clean. **DO NOT USE SOLVENTS**

Health & Safety

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Seek medical attention if irritation persists.
Keep out of reach of children.

This product data sheet is provided for guidance only. For further information and advice on application, or if in any doubt as to the suitability of the product for the installation, please contact our Technical Department for advice and carry out tests on a small area to establish suitability.