



ACM Universal Adhesive Ax-4

VERY LOW VOC - SOLVENT FREE

DESCRIPTION ACM Universal Adhesive Ax-4 is a high performance, very low VOC, solvent free water based acrylic dispersion achieving EMICODE EC1 status. This product has been designed for wet bonding to provide a high bond strength or as a pressure sensitive adhesive - contact bond or double stick method for non porous substrates. Contains in-bucket preservative and an antimicrobial inhibitor in the dry film.

USES It has been designed for fixing more difficult plasticized floor coverings such as PVC Sheet & Tiles, Cushioned Vinyl, Polypropylene based products, Smooth Rubber up to 2.5 mm with sanded backings, Cork up to 4mm thickness, Carpets with PVC, PU, Latex & Textile backings and High Density Foam Backed Carpets.

STORAGE ACM Universal Adhesive Ax-4 must be kept in an airtight container and stored at ambient temperature.

SUBFLOOR PREPARATION

1 Suitable substrates include concrete, flooring grade hard board, plywood, chipboard, sand/cement screed, ACM Fast Set Smoothing Underlayment Sx-1. Asphalt and epoxy surface membranes should be covered with a 3mm coating of ACM Fast Set Smoothing Underlayment Sx-1 prior to applying adhesive. See separate product data sheet for information.

2 Surfaces must be level, firm and clean, free of loose material, mould, oil, grease, organic growth and surface moisture.

3 Uneven, dusty, friable or highly porous surfaces should be either primed or prepared and treated with ACM Fast Set Smoothing Underlayment Sx-1 for general overlying, or ACM Rapid Repair Mortar for patch repairs.

4 Installation of the floor coverings should be in accordance with BS CP 102 (Code of Practice for protection against moisture from the ground), BS 8203 (Code of Practice for installation of resilient floor coverings), BS 5325 (Code of Practice for installation of textile floor coverings), BS 8204 part 1 (Code of Practice for installation of self levelling screeding compounds).

5 In accordance with BS 8203, and other relevant standards, it is essential that an effective damp proof membrane exists in old and new concrete subfloors and that new concrete has dried below 75% relative humidity. If these factors cannot be met then alternatively ACM Damp Proof Membrane may be utilised prior to installing floor coverings - see separate data sheet.

6 Under floor heating should be turned off for at least 48 hours prior to and after application.

7 Please follow the floor covering manufacturer's instructions regarding any storage conditions prior to fitting.



APPLICATION

- 1 This adhesive is ready to use and should not be mixed with any other constituents.
- 2 Use a notched trowel of dimensions 1.5mm x 5mm, or A2 size (contact ACM for details).
- 3 Heavy textured floor coverings may require a larger trowel
- 4 Apply adhesive evenly to the substrate and depending on the substrate lay the floor covering while still wet. It is best to allow the freshly applied adhesive to stand for 15 - 45 minutes depending on the ambient conditions, to build tack before embedding the floor covering.
- 5 Press firmly into place and roll using a 60 / 70Kg roller or glider depending on material used. Roll again approximately 1 hr after application.
- 6 Wait at least 24 hrs before welding vinyl seams.

COVERAGE Approximately 40 - 70 sq.m per bucket, depending on the porosity of the substrate and thickness of the adhesive film, and trowel notch size.

PROPERTIES

Colour - Off White

Specific Gravity - 1.2

Shelf life 12 Months if stored between 5 - 30°C in a cool dry area, in original unopened containers. Protect from frost.

REMOVAL OF ADHESIVE FROM TOOLS Clean tools with water if adhesive is still wet or use white spirits if it has dried.

HEALTH & SAFETY H & S Data Sheet available on request



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IMPORTANT NOTE

The information contained in this Data Sheet is based on tests believed to be reliable, practical experience and is published in good faith. However because we have no control over the application conditions we do not guarantee the results obtained. Responsibility for establishing suitability of the product rests with the purchaser. No liability or claim for damage or consequential loss is accepted from the use of this product. Whilst every effort has been made to ensure the information is correct at the time of publication it is the responsibility of the user to ensure that the product is suitable for the particular installation.