

TECHNICAL DATA SHEET

UF1

Universal Solvent Free, Low Odour, Soft Floor Covering Adhesive

DESCRIPTION

UF1 is water based adhesive for bonding most types of soft floor coverings – vinyl and carpet. UF1 is formulated on special polymer emulsions and tackifiers which enables the widest option in usage, and one way wet or one way dry bonding with strong tack. UF1 is a hard-set adhesive, showing early flexibility with strong P.S quality. UF1 is specially formulated to be highly resistant to plasticizer migrations from vinyl, and will not show migration staining.

RECOMMENDED USES

- Commercial and domestic vinyl sheet
- Commercial tile and sheet rubber
- Commercial and domestic vinyl and semi flexible vinyl tiles
- Cork tiles
- Needle punch polypropylene carpets
- PVC backed carpets
- Most types of carpet and underlay
- Suitable for concrete, cement sheet, selected timber substrates and treated metal substrates

FEATURES & BENEFITS

- Solvent free, low odour
- Early pressure sensitive characteristic
- Develops strong flexible bond
- Excellent PS quality for wall sheet vinyl
- Suitable for most substrates
- Built in antimicrobial protection that inhibits stain causing bacteria, mold and mildew growth

PERFORMANCE PROPERTIES

Appearance	Smooth Paste
Colour	Off White
Base	Acrylic
Specific Gravity	Approx. 1.25-1.30
% Solids	Approx 71%
Viscosity	Thick Paste
Tack Up	Approx 20-30min @ 20°C
Traffic Time (serv time)	24 hours
Primer	Anchor-Weld PR1 Primer
Shelf Life	12 months from date of manufacture
Clean Up	Wash with water whilst adhesive is still wet.

PACKAGING

ITEM NO.	DESCRIPTION	STOCK SIZE
311863	UF1	15L

COVERAGE

Spread UF1 evenly with a V-notch trowel.

Smooth Backed Vinyl, Rubber and Cork Tiles

Trowel: 1.6mm V-notch
Coverage: approx. 5m² per litre.
Ideal open time: 10 minutes

Textured Backed Vinyl, Rubber, PVC backed

Trowel: 2.4mm V-notch
Coverage: approx. 3m² per litre.
Ideal open time: 15 minutes.

Needle Punch Carpet and Underlay.

Trowel: 3.2mm V-notch
Coverage: approx 2m² per litre.
Ideal open time: 20 minutes

Note: Open time is influenced by substrate porosity and atmospheric conditions.

PREPARATION

Ensure the surface is even, clean, dry and free from oil, dust or other contaminants. A very porous or highly absorbent surface must be primed first with Anchor-Weld PR1 primer. Substrate must be checked for moisture content, and if necessary must be treated with Bostik Moisture Seal and levelled ready to take floor coverings in most cases within 24 hours with Bostik Ultralevel SL.

All Bostik products carry "Back to Back" warranties and are guaranteed for up to 10 years in accordance with warranties issued by carpet and underlay manufacturers.

APPLICATION INSTRUCTIONS

Adhesive should be trowelled onto substrate using appropriate size trowel. Tack up time will vary depending on substrate porosity, ambient temperature and airflow. Once adhesive has "tacked up", floor covering should be laid in, then rolled in both directions with a 25-35kg roller. It is advisable to re-roll after 20 minutes.

NOTE: When laying over Bostik Moisture Seal or other non-porous substrates, it may be advisable to "double drop" to reduce tack up time. Do not apply if temperature is below 10°C.

All seams should be sealed with a vinyl seam sealer or welded using a hot air welding tool.

For vinyl installations refer to AS1884-1985 "Floor Coverings" Resilient Sheet and tiles – Laying and Maintenance Practices.

For carpet installations refer to AS/NZS2455.1-1995 "Textile Floor Coverings – Installation Practice".

PRECAUTIONS

- Do not freeze.
- Not recommended for oily timber.
- Not recommended for tempered particle board.
- Not recommended for steel or metallic substrates.

P.A.T.S (Pre-tested Adhesion To Substrate) Programme

Bostik offer a service in which a program has been established to eliminate potential field problems by pre-testing Bostik adhesives with samples of building materials to which the adhesive will be applied. This service is available on large projects where pre-application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. Consult a Bostik representative for further information

HEALTH AND SAFETY

SAFETY DIRECTIONS: Avoid contact with skin and eyes. Wear overalls, safety shoes, impervious gloves and safety glasses. Use only in well ventilated areas. If inhalation risk exists wear organic vapour/particulate respirator. Avoid contact with foodstuffs, and sources of heat. Wash hands after use. Store away from oxidising agents. Keep containers closed when not in use. Do not empty into drains.

FOR FIRE: Non-combustible, however, if involved in a fire use water jets, water fog, foam or dry agents. Avoid breathing products of combustion.

FOR SPILLS: Clear area of all unprotected personnel. Slippery when spilt. Wear protective equipment. Absorb with sand or soil. Collect and seal in properly labelled drums. Refer to State/Territory Land Waste Management Authority for disposal.

FIRST AID: If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766).

SWALLOWED: If swallowed, do NOT induce vomiting. Give plenty of water to drink. Seek medical assistance.

EYE: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

SKIN: If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation occurs seek medical advice.

INHALED: Remove from contaminated area. Seek medical advice.

*For more detailed information refer to **Material Safety Data Sheet.***

CLEAN-UP

While adhesive is still wet or tacky, clean up with water.

STORAGE

Store in tightly closed original containers. Keep out of direct sunlight. Do not freeze. In cold climates, product should be stored at approx. 21°C on pallets or racks, providing clearance from concrete floors.

The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik Australia Pty Ltd be liable to anyone except for replacement of the products or refund of the purchase price.

ALL SALES ARE EXPRESSLY LIMITED TO THE TERMS AND CONDITIONS OF SALE OF BOSTIK AUSTRALIA PTY LTD

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