

# ULTRA FLOOR®

Manufactured exclusively for Instarmac® by  
**forbo eurocol**

# Stick **it** 500

**CARPET & VINYL ADHESIVE**

## TECHNICAL DATASHEET

- **Versatile Adhesive for variety of floor coverings**
- **High initial grab & strong final bond**
- **Excellent coverage**
- **Solvent Free, Superior Acrylic Dispersion**
- **Suitable for use with Underfloor Heating Systems**



**15 kg**

### DESCRIPTION

ULTRAFLOOR STICK IT 500 is a superior, water based acrylic polymer dispersion which provides strong initial wet grab and excellent final and long term bond strengths for carpets and vinyls, as well as a variety of common floorcoverings used in interior flooring installations. Ideal for use with Underfloor Heating Systems and for fast and reliable floorcovering installation.

### USES

ULTRAFLOOR STICK IT 500 is suitable for use in bonding textile carpets including Needle-punch, Hessian backed, Felt, Synthetic secondary backed, Latex-Foam and PVC backed. It can also be used on PVC & Cushion Vinyl, (LVT) Luxury Vinyl Tiles & Planks, as well as Linoleum and Cork installations.

### SUBSTRATES:

ULTRAFLOOR STICK IT 500 is suitable for use on dry, structurally sound floors including concrete, sand/cement, cementitious underlays and securely fixed and stable plywood floors. Chipboard and hardboard floors can accept adhesive however consideration should be given to the suitability of the floorcovering being installed as to whether the floor needs over-boarding with Plywood to stabilise. The substrate must be pressure and tension resistant.

### PREPARATION:

All cementitious subfloors should be strong and stable with good tensile and compressive strength. Any weak layers in the subfloor and old material residues must be thoroughly and completely removed by mechanical means. Subfloors should be clean and dry, free from surface laitance, grease, dirt and other loose contaminants. All subfloors must contain an effective damp proof membrane or when absent consideration should be given to the use of a surface damp proof membrane to ensure the floor remains below 75% relative humidity following installation of any new floorcoverings.

Priming substrates is not normally required as long as thorough preparation is carried out, however, if the subfloor is highly absorbent it may cause rapid drying of the adhesive by suction and reduce adhesion strength to the floorcovering. In such instances it would be advisable to prime with an even coat of ULTRAFLOOR MSP Primer diluted 1:3 by volume with clean, cold water. This will maintain the curing properties of the adhesive and ensure coverages. Exception would be Calcium Sulphate / Anhydrite floors which need to be completely dry, free from grease stains, dirt, dust, surface laitance then primed with ULTRAFLOOR MSP Primer and allowing to cure.

Before applying ULTRAFLOOR STICK IT 500, if installing cushion vinyl or carpet with a closed backing on to a fully impervious subfloor, apply a minimum 3mm layer of cementitious levelling compound and allow to cure before applying ULTRAFLOOR STICK IT 500. All ULTRAFLOOR Levelling Compounds are compatible with ULTRAFLOOR STICK IT 500, please see [www.instarmac.co.uk](http://www.instarmac.co.uk) for leveller choice per specific installations. Additionally, if the subfloor is uneven this can be rectified by the use of a levelling compound from the above website and allowing to cure before applying adhesive.

### FLOORCOVERING INSTALLATION GUIDANCE:

Floorcoverings should be installed in accordance with manufacturers instructions and in-line with the requirements of British Standard Code of Practice BS5325: Installation of Textile floorcoverings and British Standard Code of Practice BS8203: Installation of Resilient Floorcoverings where appropriate. Subfloor condition and suitability should also be considered to the relevant sections of British Standard BS8204: Screeds, Bases and in-situ floorings.

Only use vapour pervious floor coverings on impervious subfloors.

### APPLICATION:

Apply ULTRAFLOOR STICK IT 500 to the prepared floor using the following trowels.

- Use a B1 serrated adhesive trowel when installing Carpet, Needle-punch, Linoleum and Cork.
- Use an A2 serrated adhesive trowel when installing PVC and Cushion Vinyl Flooring and Carpet with a PVC backing.

For absorbent subfloors apply the floorcovering into the wet adhesive within 10 minutes of application. On low absorbent subfloors, leave for between 10 and 30 minutes, depending on the porosity of the subfloor, temperature and relative humidity of the room. Apply the floorcovering while the adhesive allows good transfer.

When installing PVC, Cushion Vinyl Flooring and Carpet with a PVC back, the subfloor should be moisture absorbent. In this instance apply the floorcovering into the wet adhesive.

Roll the floorcovering carefully. Sheet end joints and longitudinal joints should be pressed firmly with a weighted roller (typical 68kg roller). This should be repeated after approximately 15 minutes (depending on temperature and relative humidity).

Remove any extruded adhesive from the joints immediately while still fresh and receptive using clean water and cloth/sponge.

Keep area thoroughly ventilated while material is curing.

If underfloor heating (UFH) has been installed within the new flooring it is important to follow a protocol of commissioning in order to prevent compromising the new installation. Turn of the UFH once installed and commissioned. Ensure the UFH is switched off for a minimum period of 24hrs before installing the adhesive and floorcovering. Do not turn back on until at least 24hrs after floorcovering is installed. Starting at room temperature, raise the water temperature via the thermostat in steps of maximum water increase by 5°C per day.

### CLEANING OF TOOLS

All tools should be cleaned immediately after use with clean water.

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B1

A2

TECHNICAL DATA	
Product Description:	Superior Water Based Acrylic Dispersion.
Consistency:	Viscous Liquid. Beige in Colour
Product Density	1.56 kg/litre
Unit Size (Bucket):	15 kg (9.6 litres)
Application Tool:	<b>B1 serrated adhesive trowel when installing Carpet, Needle-punch, Linoleum and Cork.</b> <b>A2 serrated adhesive trowel when installing PVC and Cushion Vinyl Flooring and Carpet with a PVC backing.</b>
Coverage per sqm:	B1 Trowel 325 - 425 g/sqm A2 Trowel 300 - 350 g/sqm
Coverage per Unit:	B1 Trowel 35 - 46 sqm/unit A2 Trowel 42 - 50 sqm/unit
Open Time:	15 to 30 mins*
Apply Floor Covering:	0 - 10 mins*
Full Cure:	24hrs*
Room Temps:	18 - 23°C
Material & Subfloor Temps:	15 - 20°C
Room Relative Humidity:	40 - 80%

\*The listed values are dependent on the porosity of the subfloor, temperature and relative humidity of the room.

#### STORAGE

Store in cool dry conditions. Temps 5°C min to 30°C max. Protect from frost.

#### SHELF LIFE:

Approximately 12 months in unopened containers.

#### HEALTH, SAFETY & ENVIRONMENT

This product is not classified as hazardous. However it is good practise to follow safe handling when using all products. Avoid splashes to eye and skin by using appropriate PPE protection while preparing, mixing and applying products. Always wash hands before consuming food and make sure that materials are kept safely out of reach of children and animals. A full Material Safety Data Sheet (SDS) for this product is available from [www.instarmac.co.uk](http://www.instarmac.co.uk).

#### DISPOSAL

Please dispose of packaging and waste responsibly and in accordance with local authority requirements. Once cured and dry the product is inert and does not require special disposal. Uncured material should be disposed of accordingly to the local authority guidelines (see latest SDS from [www.instarmac.co.uk](http://www.instarmac.co.uk)).

#### QUALITY ASSURANCE

All Instarmac products are manufactured in a plant whose quality management system is certified/registered as being in conformity with BS EN ISO 9001, ISO 14001 and ISO 45001. Our products are guaranteed against defective materials and manufacture and will be replaced or money refunded if the goods do not comply with our promotional literature. We cannot however accept responsibility arising from application or use of our products because we have no direct or continuous control over where and how they are used. All products are sold to our conditions of sales, copies of which may be obtained upon request.

#### PRODUCT CONTAINS

Methylchloroisothiazolinone & Methylisothiazolinone(3:1) & Benzisothiazolinone.

May produce an allergic reaction.

**Note:** To ensure you are using the most up to date information for this product, please see our website [www.instarmac.co.uk](http://www.instarmac.co.uk) to obtain the latest TDS and MSDS information.

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