

# ULTRA FLOOR®

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

# Stick **it** 611

LINOLEUM ADHESIVE

## TECHNICAL DATASHEET

- **Very Low Emission, Emission EC1<sup>PLUS</sup>**
- **Exceptional High Grab & High Strength Adhesive**
- **Wet-Set Adhesive with Fast Curing properties**
- **Superior Coverage, up to 25% lower adhesive consumption than standard market products**
- **High Temperature Resistance, suitable for use with Underfloor Heating Systems**



**11 kg**

### DESCRIPTION

**ULTRAFLOOR STICK IT 611** is a superior, water based acrylic polymer dispersion which is resin-free and provides a strong high grab, wet-set adhesive with fast drying properties. With strong setting strengths, it is ideally suited for all Linoleum floorcoverings used in interior flooring installations. Ideal for use with Underfloor Heating Systems and for fast and reliable floorcovering installation.

### USES

**ULTRAFLOOR STICK IT 611** is suitable for use in bonding all types of Linoleum sheet or tile floorcoverings. It is able to withstand the high stresses of busy foot traffic and chair castors in residential, commercial and industrial installations such as shopping centres, schools, hospitals and public transport including use on trains and buses. Also suitable for use with cork, vinyl composite floorcoverings, needle punch, non-woven and textile coverings with different backings.

### CONFORMANCE:

- GEV- EMICODE, EC1<sup>PLUS</sup> - Very Low Emission Classification.
- German Blue Angel UZ113 Certificate – use of Ecolabel for Special Environmental Friendliness.
- Complies with EPD Environmental Product Declaration & ISO 14025 For Environmental Labelling & Declaration.
- Meets LEED requirements for Low Emitting Materials: Adhesives & Sealants.
- Meets French VOC Classification with A+ rating
- Classified by Baubook in Germany as an "Ecological Building Product"

### SUBSTRATES:

**ULTRAFLOOR STICK IT 611** 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 the 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 Floor 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 611**, if installing on to a fully impervious subfloor, apply a minimum 3mm layer of cementitious levelling compound and allow to cure before applying **ULTRAFLOOR STICK IT 611**. All ULTRAFLOOR Levelling Compounds are compatible with **ULTRAFLOOR STICK IT 611**, 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.

Floor coverings should be allowed to acclimatise to the expected room temperature of use, before laying. Floorcovering should be relaxed and lay flat before installation begins.

### APPLICATION:

**ULTRAFLOOR STICK IT 611** is ready to use, however stir the contents of the bucket thoroughly before use to ensure polymers are fully dispersed.

Apply **ULTRAFLOOR STICK IT 611** to the prepared floor using the following trowels.

- Use a B1 serrated adhesive trowel to apply the adhesive to the subfloor.

For absorbent subfloors apply the floorcovering directly into the wet adhesive. For low absorbent subfloors, leave a waiting time of 10 minutes. Apply the floorcovering while the adhesive is still wet, this allows for good transfer.

Roll the floorcovering carefully but thoroughly (typically using a 68kg weighted roller). First widthways then longitudinally. Sheet end joints and longitudinal joints should be pressed firmly with the roller. This should be repeated after approximately 15 minutes.

Remove any extruded adhesive from the joints immediately while still fresh and receptive using clean water and a cloth/sponge. Welding the seams should be done once **ULTRAFLOOR STICK IT 611** has dried, but no sooner than 48 to 72 hrs after the installation is completed.

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 off 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.



TECHNICAL DATA	
Product Description:	Superior Water Based Acrylic Dispersion.
Consistency:	Viscous Liquid. Beige/White in Colour
Product Density	1.16 kg/litre
Unit Size (Bucket):	11 kg (9.5 litres)
Application Tool:	<b>B1 serrated adhesive trowel</b>
Coverage per sqm:	B1 Trowel 260 - 300 g/sqm
Coverage per Unit:	B1 Trowel 36 - 42 sqm/unit
Open Time:	15 to 30 mins*
Process Time:	20 mins*
Apply Floor Covering:	Immediately*
Full Cure:	24hrs*
Room Temps:	18 - 23°C
Material & Subfloor Temps:	15 - 20°C
Room Relative Humidity:	35 - 75%

\*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 to 15 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**

5-chloro-2-methyl-4-isothiazolin-3-one, 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one. 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 SDS information.

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