

# ULTRA FLOOR®

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

# Stick *it* 542

**SLIP RESISTANT, CARPET TILE TACKIFIER**

## TECHNICAL DATASHEET

- **Very Low Emission, Emission EC1<sup>PLUS</sup>**
- **Provides a permanent tacky film that prevents tile movement**
- **Allows easy removal of worn or damaged tiles**
- **Exceptional slip resistance & non-skid resilience**
- **Suitable for use with Underfloor Heating Systems**



**10 kg**

### DESCRIPTION

**ULTRAFLOOR STICK IT 542** is a water based acrylic polymer dispersion that provides a permanent tacky film when applied to stable and smooth subfloors. For use in fixing Carpet Tiles and loose-lay PVC floors or floorcoverings with PVC backings. The tack is strong enough to prevent movement of the floorcovering under general traffic, providing a slip resistant bond, yet allows floorcoverings to be uplifted and replaced with ease, as and when required. Allows replacement of worn or damaged tiles with ease.

### USES

**ULTRAFLOOR STICK IT 542** is suitable for use in fixing dimensionally stable carpet tiles, as well as bitumen or felt backed, fabric or non-woven tiles. It can also be used for fixing loose-lay PVCs or covings with PVC backing.

### CONFORMANCE:

- GEV- EMICODE, EC1<sup>PLUS</sup> - Very Low Emission Classification.
- Meets LEED requirements for Low Emitting Materials: Adhesives & Sealants.

### SUBSTRATES:

**ULTRAFLOOR STICK IT 542** 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.

**ULTRAFLOOR STICK IT 542** can also be used over non-absorbent, old and smooth floorcoverings such as Linoleum, vinyl, and terrazzo ensuring they are stable and firmly bonded. Also for use on raised access floor panels.

### 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.

### 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.

Floorcoverings 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:

Apply **ULTRAFLOOR STICK IT 542** uniformly, to the recommended quantity, to the prepared subfloor using a lambswool roller or brush. The product can also be sprayed by those operators trained in such techniques.

Apply carpet tiles or loose-lay flooring as soon as **ULTRAFLOOR STICK IT 542** sets off (turns from milky white to transparent). Depending on site temperatures, relative humidity and type of subfloor, the waiting time for this to occur should be approximately 60 minutes. Once positioned rub the floor covering surface to enhance full contact with the adhesive.

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

**ULTRAFLOOR STICK IT 542** is resistant to plasticiser migration for the materials it can be used with in this TDS. However, during the setting phase, the direct influence of heat & solar radiation, dynamic and point loading must be avoided.

### CLEANING OF TOOLS

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

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## TECHNICAL DATA

Product Description:	Water Based Acrylic Dispersion.
Consistency:	Low viscosity Liquid. White in Colour
Product Density	1.04 kg/litre
Unit Size (Screw top Jerry Can):	10 kg (9.6 litres)
Application Tool:	Lambswool Roller or Brush. Can be sprayed.
Coverage per sqm:	On impervious floors: 50 - 100 g/sqm On porous floors: 100 - 150 g/sqm
Coverage per Unit:	On impervious floors: 100 - 200 sqm/unit On porous floors: 66 - 100 sqm/unit
Open Time:	Approximately 30 mins
Apply Floor Covering:	Approximately 60 mins* <i>(allow to set off - turns from milky white to transparent)</i>
Full Cure:	60 mins*
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:

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

1,2-benzisothiazol-3(2H)-one, mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

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**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.

### Instarmac Group plc

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