

ULTRA FLOOR®

Manufactured exclusively for Instarmac® by
forbo eurocol

Stick *it* 640

FOR VINYL, PVC & RUBBER FLOORCOVERINGS

TECHNICAL DATASHEET

- **Very Low Emission, Emission EC1^{PLUS}**
- **Short Open Time with Extended Working Time**
- **High Initial Wet Grab**
- **Place Floorcovering into Wet Adhesive**
- **Excellent coverage**
- **High Temperature Resistance, suitable for use with Underfloor Heating Systems**



12 kg

DESCRIPTION

ULTRAFLOOR STICK IT 640 is a superior, water based acrylic polymer dispersion for use with vinyl, polyolefin and rubber floorcoverings. ULTRAFLOOR STICK IT 640 has a short time requirement for placement of floorcoverings due to rapid flash off, which provides high initial grab. ULTRAFLOOR STICK IT 640 is very low emission and odour neutral. It has a long open time and long final adhesion strength. Ideal for use with Underfloor Heating Systems and for fast and reliable floorcovering installation.

USES

ULTRAFLOOR STICK IT 640 is suitable for Vinyl floorcoverings including PVC sheet & tile, PVC backed Carpets, Cushion vinyl, Polyolefin floorcoverings and Rubber sheet or tile up to 4mm max thickness (above 4mm we advise the use of a suitable Polyurethane Adhesive).

CONFORMANCE:

- GEV- EMICODE, EC1^{PLUS} - Very Low Emission Classification.
- Wheel marked: Complies with Marine Equipment Directive & tested to International Maritime Organisation (IMO) standard.
- Meets LEED requirements for Low Emitting Materials: Adhesives & Sealants.

SUBSTRATES:

ULTRAFLOOR STICK IT 640 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 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 640, 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 640.

All ULTRAFLOOR Levelling Compounds are compatible with ULTRAFLOOR STICK IT 640, please see 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:

Apply ULTRAFLOOR STICK IT 640 to the prepared floor as follows.

- Use an A2 serrated adhesive trowel to apply the adhesive to the subfloor. Using a lambswool roller which has been pre-wetted with adhesive, immediately roll the trowelled adhesive to obtain a uniform, smooth finish. This will reduce trowel marks mirroring through the vinyl and will also maximise contact with floorcovering.

Leave the adhesive for about 10 to 20 minutes before placing the floorcovering directly into the wet adhesive. Allow the adhesive to air but always ensure the adhesive remains wet at point of placement. This reduces lateral sliding, when using tiles particularly. Once placed, press/roll the floorcovering firmly from the centre outwards to expel any air and make contact with the underlying adhesive. Late placement and non-smoothing of adhesive ridges will only serve to cause visible deformations in the surface appearance of the floor covering. Thorough rolling (using a 68kg weighted roller) will ensure overall contact of the floorcovering into the adhesive, minimising the potential of adhesive ridges/serrations grinning through.

Repeat the rolling process after approximately 30 to 45 minutes to further enhance the finish.

Sheet end joints and longitudinal joints should be pressed firmly with the roller and repeated as above. 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 640 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.



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CLEANING OF TOOLS

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

A2

TECHNICAL DATA	
Product Description:	Superior Water Based Acrylic Dispersion.
Consistency:	Viscous Liquid. Beige in Colour
Product Density	1.27 kg/litre
Unit Size (Bucket):	12 kg (9.45 litres)
Application Tool:	A2 serrated adhesive trowel
Coverage per sqm:	A2 Trowel 225 - 275 g/sqm
Coverage per Unit:	A2 Trowel 43.6 - 53.3 sqm/unit
Open Time:	Approximately 120 mins*
Apply Floor Covering:	Approx. 10 – 20mins*
Full Cure:	48hrs*
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 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.

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).

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(2)-one, 5-chloro-2-methyl-4-isothiazolin-3-one, and 2-methyl-2H-isothiazol-3-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 to obtain the latest TDS and SDS information.

Instarmac Group plc

Danny Morson Way, Birch Coppice Business Park

Dordon, Tamworth, Staffordshire B78 1SE

Tel: +44 (0)1827 254400

Enquiries: email@instarmac.co.uk Orders: orders@instarmac.co.uk Visit instarmac.co.uk