

1-Component Hybrid Construction Adhesive

UZIN FONDUR HIGHTACK

Universal, hybrid adhesive with extra initial tack

MAIN APPLICATION FIELD:

- ▶ bonding skirtings
- ▶ bonding profiles

SUITABLE ON / FOR:

- ▶ absorbent and non absorbent substrates (see "Important Notes")
- ▶ screeds, plaster, concrete, brickwork, paints
- ▶ metal
- ▶ chipboard
- ▶ hard PVC, hard and soft foam, plastic
- ▶ coatings, ceramics, glass, natural stone or similar



PRODUCT BENEFITS/FEATURES:

UZIN Fondur HighTack is a strong hybrid construction adhesive with high initial tack and good UV resistance. It is low shrinkage and fixies together different materials permanently.

- ▶ high initial tack
- ▶ quick development of strength
- ▶ elastic
- ▶ can be painted over



TECHNICAL DATA:

Packaging	plastic cartridge
Pack size	12 x 310 ml
Shelf life	min. 12 months
Color	white
Consumption	depending on application
Working time	approx. 5 minutes*
Minimum application temperature	10 - 35 °C
Thermal resistance	- 30 up to + 80 °C (when cured)
Shore A Hrdness (DIN 53 505)	70 ± 7
Volumetric shrinkage (DIN, EN, ISO 10 563)	max. 3%
Final strength	after 3 - 5 days*

*At 20 °C and 65% relative humidity.

EXTENDED APPLICATIONS:

- ▶ bonding rails
- ▶ bonding trims
- ▶ bonding insulating and decorative materials
- ▶ bonding wall claddings

SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, free from cracks and free from materials (dirt, oil, grease) that would impair adhesion. Cement and calcium sulphate screeds must be abraded and vacuumed. Test the substrate in accordance with applicable standard or notices and report any deficiencies.

Any adhesion-reducing or unstable layers, e.g. release agents, loose adhesives, compounds, covering or paint residues, etc. must be removed, e.g. by brushing, abrading, grinding or shot-blasting. Thoroughly vacuum loose material and dust. Used, smooth and non-absorbent substrates have to be cleaned intensively with UZIN Basic Cleaner and once dry must have a matt finish. Very absorbent or dusty substrates, e.g. gypsum substrates, have to be primed with UZIN PE 360 PLUS. Allow any primer that is applied to dry completely.

The datasheets for other used products have to be observed.

APPLICATION:

1. Cut off the conical seal-cap of the cartridge using a sharp knife and then screw the round nozzle supplied onto the thread. Cut off the tip of the nozzle at an angle as required to increase the opening.
2. Fit the cartridge into a cartridge-gun, squeeze out the adhesive under consistent pressure and apply beads of adhesive onto the substrate or item to be bonded. After approx. 5 minutes, the applied adhesive will start to form a skin. Therefore, put the surfaces to be bonded together immediately or before the skin begins to form and fix, tape or clamp as necessary. UZIN Fondur HighTack can be smoothened with a soap solution before skin formation occurs.
3. Remove residues while fresh with wipes from the UZIN Clean-Box or a suitable cleaning agent. Hardened adhesive can only be removed mechanically.

IMPORTANT NOTES:

- ▶ A shelf life of 12 months when stored in moderately cool conditions, in the original packaging. Carefully and tightly reseal opened cartridges with foil and use the contents quickly. Allow cartridges to come to room temperature before use.
- ▶ Best applied between 18 - 25 °C, with the floor temperature above 10 °C. Low temperatures and high air humidity lengthen the working and drying time. Whilst high temperatures and low air humidity shorten the working and drying time.
- ▶ Good adhesion can be achieved on humid substrates, but the drying time of the adhesive may be lengthened.

- ▶ Always conduct own tests.
- ▶ Drying is achieved by evaporation of the low water content. The drying- and bonding- speed depend, therefore, not only on the temperature and air humidity, but significantly also on the application thickness and the condition of the surfaces to be bonded. With joint depths over 15 mm, the curing time may be significantly longer. Rapid drying and bonding can be expected where there is air contact or one surface is absorbent or permeable. Damp or non-absorbent surfaces, as well as greater adhesive thickness, will delay the drying by 3 – 5 days or more.
- ▶ Before installing, the materials must be adequately acclimatised to the indoor climate and free from tension.
- ▶ Not suitable on plastics where sealants generally exhibit poor adhesion (e.g. PE, PP). Discolouration or bonding losses may occur on plastics containing plasticisers (e.g. soft PVC).
- ▶ When bonding non-absorbent materials on dense, non-absorbent substrates, the adhesive surface should be wetted with a fine water mist. The material to be bonded is then applied onto the substrate with slightly rotating movement.
- ▶ Protect bonded or filled items from water or rain until the adhesive has formed a leathery, water-resistant skin.
- ▶ The adhesive can be overpainted according to DIN 52 452-4. Hybrid-based products can principally be brushed and varnished over with many different painting systems. The adhesive must have fully cured before painting.
- ▶ Follow the generally acknowledged rules of the trade and technology for the installation of floor covering in respect of the applicable national standards (e.g. EN, DIN, OE, SIA, etc.)

SEALS OF QUALITY & ECOLABELS:

- ▶ Solvent-free, containing methoxysilane
- ▶ EMICODE EC 1 PLUS / Very low emission
- ▶ Suitable for sustainable building certifications according to: DGNB, QNG, BREEAM, LEED

COMPOSITION:

Silane-terminated prepolymers, mineral fillers, additives.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Solvent-free adhesive containing methoxysilane. Non flammable. Avoid contact with eyes and skin. When curing, produces traces of methanol. Ensure good ventilation during application. Wear protective gloves. After contact with skin wash with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Observe safety information on product label as well as safety data sheet.

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers

with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste. Therefore collect waste material and allow to harden, then dispose as Construction Waste.