

Technical data sheet

DELTA®-TILAXX ULTRA

Solvent-free permanently elastic sealant and adhesive compound



Characteristics	Methods	Values / Description
Description		
Application	–	Universally applicable, high-performance, permanently elastic sealant and adhesive, Highly ageing-, weather- and water-resistant as well as solvent-free
Material	–	Hybrid adhesives based on MS polymers (modified silanes)
Special features	–	Pasty cartridge adhesive, elastic and mechanically resilient after setting
Areas of use	–	For bonding overlaps of all DELTA® membranes, as well as their connections to masonry, concrete, wood, derived timber products, aluminium, steel, rigid PVC and bitumen. Particularly suitable for secure connections of DELTA®-ALPINA on eaves sheets and on rising building components as well as for all bonding of DELTA®-FOXX PLUS and DELTA®-FASSADE membranes.
Data		
Delivery form	–	290 ml cartridge
Consumption	–	approx. 6 to 7 m per cartridge
Skin formation time	–	approx. 25 min. at +23 °C
Shelf life	–	unopened and dry at least 12 months at +15 °C to +25 °C.
Functional temperature range	–	-40 °C to +80 °C
Conditions before use	–	+5 °C to +30 °C (tempered storage recommended)
Working climate	–	From 0 °C ambient and substrate temperature (frost-free)
Packaging	–	12 pc/cardboard box
Additional characteristics		
General informations	–	Compatible substrates: planed wood, hard panels of wood-based material, such as OSB/chipboard, rigid plastics, metal, glass. Sheets and substrates should be dry and free from frost, dust, dirt, grease, ice, hoarfrost, and substances that repel adhesives as well as sufficiently load-bearing. We recommend running a bonding test on site. Porous and absorbent substrates (soft wood fibreboard etc.) should be pre-treated before taping with DELTA®-HF PRIMER to produce a good surface for taping and thus ensure high adhesion. The surface tension of the substrate should be > 36 mN/m.
Processing instructions	–	Apply an approx. 8 mm thick continuous bead to the substrate to be bonded and press overlapping firmly. Ensure that the adhesive is not (completely) displaced. Connections to masonry etc. must be additionally mechanically secured as an installation aid (e.g. with steel disc head nails).
Conditions for application	–	The adhesive strength depends on the storage, substrate and environmental conditions as well as on time. Adhesive strength depends on local storage, substrate, and environmental conditions as well as on time and gradually builds up over time. Store the cartridge in a tempered environment before application (no temperatures below +5 °C). Building operations should be co-ordinated to avoid relative humidities > 80 % during and after application. It must be ensured that no tension occurs after bonding.

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