

TECHNICAL DATASHEET

STALOC XP-60 CONSTRUCTION ADHESIVE

2k Hybrid Polymer

PRODUCT DESCRIPTION

STALOC XP-60 construction adhesive is a revolutionary adhesive with excellent elongation properties and curing speed.

With its fast and especially homogeneous through-cure the 2K-MS-Polymer is rapidly becoming the solution when an increase in process speed is necessary. This innovative bonding technology is revolutionising working processes in many industries and eliminates waiting times and special storage areas for curing dated 1K technology (especially on large work-pieces). STALOC XP-60 already today is a superb substitute for many (moisture cure) 1K systems, that can cause problems through slow hardening processes. Bonded work-pieces can also be over painted „wet on wet“. The eco friendly 2K system can be over painted with both, acrylic and water based paint systems. A built in primer has been included in the formula. For this reason the STALOC XP-60 can be used on most surfaces without the use of a primer.

It is completely free of any hazchem certification and does full-fill even the most stringent

Health and Safety directives and is a truly green product for the modern eco friendly work place.

PRODUCT CHARACTERISTICS

- impressive adhesion and high elasticity
- controlled hardening
- high grab, rapid solidifying
- excellent UV- and ageing resistance
- resistant against water, saltwater, acids, bases and various oils and chemicals
- suitable for varnishing and coating
- odourless
- solvent-, isocyanate- and silicone-free

AREAS OF APPLICATION



- Flexible / sealing bonds for the construction of busses, caravans, rail and truck applications
- Bonding of composite materials
- Bonding of solar systems, sunroofs and terrace products
- Component bonding of boats, yachts and vessels
- Bonding of polyester parts onto metal structures
- Excellent adhesion to steel, stainless steel, aluminium, steel alloys, galvanized steel, painted sheet metal, various kinds of plastics, ABS, PVC, polycarbonate, glass, laminated glass, insulated glass, polyester, epoxy, vinyl ester, gel coat as well as wooden substrates (e.g. teak). No grounding or primer necessary.

Before applying STALOC XP-60 construction adhesive we recommend to use STALOC Assembly Cleaner for surface preparation.

Apply on clean, grease-and dust-free surface, without a primer. Excellent adhesion can be obtained on powder coated surfaces, metals, glass, mirrors, ceramics, non-porous surfaces in general and various plastics. The broad variety of applications of STALOC XP-60 construction adhesive makes it necessary to determine adhesion between various substrates by experiment.

- Substrate temperature for bonding process: between +5°C and +60°C.
- Application temperature: between +5°C and +40°C.

Not suitable for bonding PE, PP, Teflon (PTFE) and bitumen-substrates.

TECHNICAL ATTRIBUTES

ATTRIBUTE	UNIT	SPECIFICATION
chemical basis		Hybrid polymer
colors		grey
cure speed	h	1
shore A hardness (DIN 53505)		45 Shore A
elongation (ISO 527-1A)		350%
e-modul at 100 % elongaton (DIN 53505)	MPa	1,40 MPa
tensile strength (ISO 527-1A)	MPa	2,2 MPa
shrinkage		~3%
shelf life	months	12
temperature resistance		-40°C to +90°C
application temperature		+5°C bis +40°C

SAFETY INFORMATION

Please send your request for the latest version of the material safety data sheet (MSDS).

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