

TECHNICAL DATASHEET

STALOC POWER 705

2-component power adhesive

PRODUCT DESCRIPTION

STALOC Power 705 is a low odour acrylic adhesive. The power adhesive is a fast, medium viscosity gel, ideal for the bonding of clear plastics within the sign / display and shopfitting market. STALOC Power 705 combines the speed of the faster methacrylic adhesives with toughness, to enable bonding of similar and dissimilar materials which include most plastics.

PHYSICAL PROPERTIES

ATTRIBUTE	UNIT	SPECIFICATION
Basis		Methacrylat blend / amine accelerated resin
Colour		transparent
Gel time	min	approx. 3 min.
Fixture time	min	approx. 6 min.
Final cure	h	24 h
Mixing ratio		1:1
Shore hardness (ASTM D 2240)		78
Temperature resistance	°C	-50°C to +80°C
Application temperature	°C	+10°C to +30°C
Shrinkage		5%
Tensile strength (DIN 53283)	N/mm ²	29
Shelf life		6 months
Ideal storage temperature		8 – 10°C

PRODUCT INFORMATION

- bonds metals, glass, plastics, stone, ...
- high-strength
- weather-proof
- STALOC Power 705 is easy to use
- STALOC Power 705 guarantees high strength with minimum surface preparation effort

APPLICATION INFORMATION

Recommended application – further information can be found in the material safety data sheet

The parts to be bonded must be clean and free of oil and grease. Roughening the surfaces increases the strength of the bond. Cut off the tip and squeeze out STALOC Power 705; the mixing ratio is controlled automatically. Mix the material until an even colour is achieved. Then apply to the parts using a spatula or similar. The fixture time is 6 minutes. Final hardening takes 24 hours. Seal the cartridge again after use, with the stopper (in the plunger). Do not use in outdoor temperatures below 10°C.

SAFETY INFORMATION

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

PACKAGING / VOLUME

50ml double cartridge - 12 pcs. per box (use original STALOC guns for application)



The information and data in this document are for information purposes only. STALOC cannot take responsibility for the results obtained by a third party, whose methods are not under STALOC control. The determination of the suitability for the user's purpose of any STALOC product is the responsibility of the client. Consequently, STALOC recommends testing of the products before using it for a series application. Moreover, it is the responsibility of the customer to ensure a safe environment for the user. STALOC therefore disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of STALOC products. STALOC cannot be held liable for any consequential or incidental damage resulting from the use of a STALOC product, including lost profits or damages of any other kind. Products or processes mentioned herein might be subject to released or pending patents or licences.

Issued: 04.05.2012



call STALOC



www.staloc.com