

TECHNICAL DATASHEET

# STALOC CARBO SPEED

2K – power adhesive

## PRODUCT DESCRIPTION

STALOC Carbo Speed is used to repair carbon parts and broken plastic parts (thermoplastics and duroplastics), e.g. bumpers, etc. STALOC Carbo Speed does not run off. The finally cured product is resistant against ageing and weathering.

Finishing work such as grinding, drilling and thread tapping can be done after only a few minutes.

## TECHNICAL PROPERTIES

ATTRIBUTE	UNIT	SPECIFICATION
Basis		urethane prepolymer
colour		black
open time	min	Ca. 1-2 min.
finger-tight	min	Ca. 2-3 min.
final cure time	h	24 h
mixing ratio		1:1 automatically ensured by using the mixer
Shore hardness (ASTM D 2240)		70
temperature resistance	°C	-40°C to +140°C
processing temperature	°C	+10°C to +30°C
hardening temperature	°C	+6°C to +30°C
tensile strength (DIN 53283)	N/mm <sup>2</sup>	24
shelf life at +25°C		~9 months
Viscosity Pas (when mixed)	Pas	40.000
elongation	%	25%
shear strength on ABS	N/mm <sup>2</sup>	3,7
shear strength Alu / Alu	N/mm <sup>2</sup>	8
shear strength steel / steel	N/mm <sup>2</sup>	5,4
gap bridging	mm	4

## PRODUCT CHARACTERISTICS

- dual-component power adhesive
- can be re-worked after 10-30 minutes
- quickly bonds various types of materials
- high strength
- used to repair carbon parts and broken plastic parts (thermoplastics and duroplastics), e.g. bumpers
- finishing work such as grinding, drilling and thread tapping can be done after only a few minutes
- does not drip
- resistant against weathering and ageing

## APPLICATION

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

The parts to be bonded need to be cleaned and degreased. Roughening of the adhesion surface increases the strength of the bond. Attach mixer to the syringe / cartridge and press out the components. The mixing ratio is controlled automatically by the attached mixer. After about 2-3 seconds the material is finger-tight and can be handled. Final cure takes 24 hours. If only a partial quantity of the product is used, detach the mixer and use the original cap to close the cartridge. The cartridge can be re-used later on with a new mixer.

## SAFETY INFORMATION

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



## PACKAGING / VOLUME

25ml syringe / 14 pcs. per box

50ml cartridge / 12 pcs. per box (use STALOC application guns)

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