



*The Glue People*

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# Tradeweld STD

## Slow set epoxy twin syringe

### General Description

Tradeweld STD epoxy adhesive is a highly reactive adhesive system intended for use the mix pack cartridge and exhibit good room temperature cure.

### Application

Surfaces to be bonded should be clean, dry and free from dust, grease, oil and loose material. Product is normally applied by hand gun which holds 50ml twin syringes.

### Physical Data

	Resin	Hardener
Appearance	Slight colour	Pale amber
Colour No. (gardner)	1-2	5
Viscosity	Ca. 10 Pa.s	Ca. 5 Pa.s
Specific gravity @ 25°C	1.17 gm/cm <sup>3</sup>	0.97 gm/cm <sup>3</sup>
Flash point	>200°C	>140°C
Heat resistance after 24 hour cure at 25°C	42°C	
Hazard	Irritant	Corrosive
Mixing ratio	1:1 by weight or volume	

### Bond strength

Tensile shear on steel plates C75, sandblasted after various hardening times at 5°C and 23°C.

Hardening time	Bond strength	
	N/mm <sup>2</sup>	DIN 52383 (1N/mm <sup>2</sup> = 145 psi)
	5°C	23°C
2 hours	-	2
4 hours	-	11
8 hours	8	-
3 days	12	17

### General

#### Storage

Products shall be ideally stored in a cool, dry location, out of direct sunlight, in unopened containers at a temperature between 8° to 28°C (46° to 82°F). Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container. For specific shelf-life information, contact Trade Grade Products at the above address.

#### Important Notice

Data contained in this document is for information only and is believed to be reliable. Trade Grade Products Ltd (TGP) cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability of the product for any specific purpose and TGP is pleased to provide a sample upon request.

Before using this product ensure that you have been supplied with and have read carefully the following information.

- The hazard label (complying with latest CDG/CPL regulations) applied to the container.
- Material Safety Data Sheet, Tradeweld STD epoxy and Tradeweld STD Hardener.