



GLUEDEVIL®
SEALANTS / ADHESIVES / AEROSOLS / TAPES
WWW.GLUEDEVIL.CO.ZA

National Adhesive Distributors

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DESCRIPTION:	GDSA121 Structural Adhesive
PACK SIZES:	50ml Syringe

GLUEDEVIL GDSA121 is a toughened structural adhesive with a set time of 5 minutes, capable of providing strength of up to 270kg/cm² (3900 lbf/in²).

FEATURES

High impact strength.
High tensile strength.
Flexible adhesion - high peel strength.
Temperature resistance to 150°C.
Bonds oily surfaces.

APPLICATIONS

Bonds: metals, plastics, ceramics.
Simple all in one cartridge application - no external mixing required.
Handling strength achieved within 5 minutes.
Special non-clogging nozzle with optional disposable microtip or static mixer.

PACK SIZE

- 50ml Syringe - 10-GLUE2663

Your regional representative is eagerly awaiting YOUR call...

ADHESIVE

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PROPERTIES

Composition:	100% Modified Acrylics.
Appearance:	Green & Pink Viscous Liquids.
Viscosity:	2000 - 4000 cps at 20°C

BOND STRENGTHS - 20°C

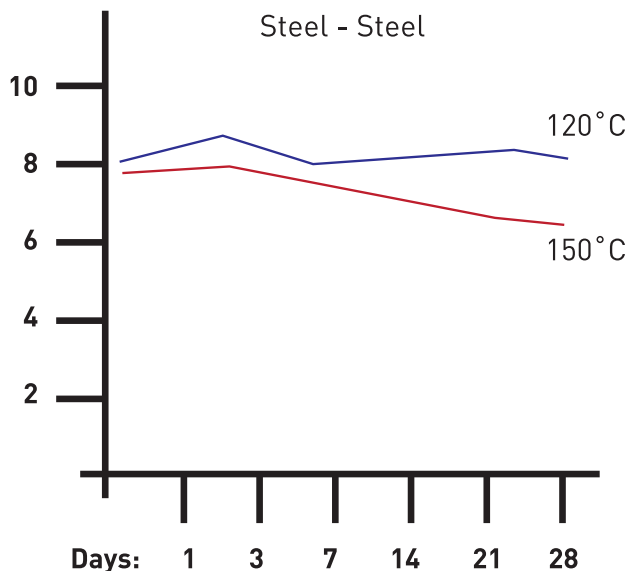
SUBSTRATES

(Metals)	kg/cm ²
Steel - Steel	276
Aluminium - Aluminium	224
Copper - Copper	244
Stainless Steel - Stainless Steel	204
Brass - Brass	228
Chrome - Chrome	162
Nickel - Nickel	193
Zinc - Zinc	214

(Plastics)	kg/cm ²
Polyester - Polyester	31
Rigid PVC - Rigid PVC	35*
ABS - ABS	47
Styrol - Styrol	24
Epoxy FRP - Epoxy FRP	84*
Phenol FRP - Phenol FRP	65*

*Substrate Failure

BOND STRENGTHS - 20°C



CHEMICAL RESISTANCE

Steel - Steel dipped for 7 days at 20°C

	kg/cm ²	% Resistance
Blank not dipped	283	-
Petrol	246	87
Water	225	80
Caustic Soda (10%)	223	79
Xylene	195	69
Ethyl Acetate	91	32

APPLICATION

Although GDSA121 will bond oily surfaces, for maximum strength it is advisable to clean surfaces with solvent and abrade lightly with sandpaper. GDSA121 is soluble in acetone.

CAUTION

Contains Methyl Methacrylate, can cause sensitisation - avoid skin contact.

If contact occurs, rinse with soapy water.

Avoid excessive heat, naked flames, sparks, etc.

Store in a cool dark place.

Do not mix prior to application.

NOTE

The information we provide is intended as a guide only and all efforts have been made to ensure that it is reliable and accurate. In view of the wide range of applications, working conditions and workmanship, we cannot accept any liability for loss or damage resulting from the use of this information, or from the use of our adhesives. Users are strongly advised to conduct their own tests to confirm the stability of these products.