

Technical Data Sheet

Acrylic Structural Adhesive (Pink & Green)

301949/50 is a high-performance acrylic based structural adhesive. 301949/50 has excellent flexibility and temperature resistance. 301949/50 bonds very well to steel, aluminium, copper, chromium, brass, nickel, zinc, polyester, PVC, ABS, glass, wood, concrete, stone and can be applied from the cartridge using a mixer nozzle or bead on bead (dependant on specific application).

Shelf life: When correctly stored in unopened original containers - 9 months
Storage: Dark, cool storeroom away from direct sunlight at room temperature.

Technical Data

Colour (When mixed by hand)	Grey
Resin	Acrylate

Uncured Properties

Viscosity (Brookfield LVT/25°C) [mPa*	5,000
Flash Point (°C)	> 16
Density [g/cm ³]	approx. 1.2

Curing Properties

Handling Strength	4-7 minutes.
Functional Strength	1 hour.
Full Strength	4-6 hours.

Cured Properties

Temperature Resistance	-30 to 150 °C
Hardness Shore D	55
Shrinkage	0.75%
TG DSC	50 to 55 °C

Lap Shear Strength

Steel	27.3 N/mm ²
Aluminium	22.5 N/mm ²
PVC	8.4 N/mm ²
PMMA	3.5 N/mm ²

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