

## Metal Weld 50 ml White

Art.: 07.1460.0100

Twin cartridge 50 ml

Metal Weld is a new generation isocyanate-free 2-component methacrylate glue which is perfectly suitable for the structural bonding of almost all ferrous and non-ferrous metals as well as a wide range of composite materials.



Base:	2-component methymethacrylate
Density:	± 970 kg/m <sup>3</sup>
Consistency:	Pasty
Hardness:	75 (Shore D)
Tensile strength:	± 34 N/mm <sup>2</sup>
Elongation at break (%):	5,5%
Shear strength:	26 N/mm <sup>2</sup> (according to ASTM D-1002)
Temperature resistance:	-40°C to +120°C
UV resistance:	Good
Water resistance:	Excellent
Solvent resistance:	Moderate
Slump resistance (constancy):	Moderate to good
Shrinkage:	< 4% after curing
Application conditions:	+5°C to +35°C
Type of surface:	Steel, galvanized steel, stainless steel, aluminium, gelcoats, ABS, polyester, PVC, styrene, carbon, magnesium, coatings
Surface preparation:	The surface must be clean, dry and free of grease. Clean surfaces with Innotec <a href="#">Multisol</a> . Metal Weld can be applied without using a primer. Advice: It is recommended to lightly sand the parts to be glued using non-oxidizing abrasives.
Application method:	Make sure that all tools needed during the gluing are ready at hand. Screw the mixer nozzle on the twin cartridge. When using a new cartridge, always squeeze out the first 2 centimetres of product and discard it, to ensure a perfect mix of the components. Apply a bead of glue on the parts to be bonded and spread it to a thin, even layer using a spatula. Join the parts together and hold them in position with gluing clamps. Use a spatula to remove any glue squeeze-out. Recommended clamping time: minimum 2 hours (at 20°C). After the removal of the clamps, the repair can be finished. Remove the nozzle after use and close the cartridge by placing back the cap in its original position!





Open time:	8-10 minutes (at 20°C)
Clamping time:	2 hours
Tack free:	25 minutes
Drying time:	Final strength achieved after approx. 24 hours.
Recommended layer thickness:	0,25 - 0,5 mm
Paintability:	After approx. 4 hours, with almost any modern primer and paint system. Metal Weld should always be degreased using Innotec <a href="#">Multisol</a> and preferable also lightly sanded (because of the variety of paint systems prior testing is advisable).
Cleaning of materials used:	With Innotec <a href="#">Multisol</a>
Cleaning of hands:	With Innotec <a href="#">Safe Hand Clean Plus</a> and water
Shelf life:	12 months in original, unopened packaging
Storage conditions:	Store cool and dry
Type of batchcode:	F
Other details:	'Low energy' plastics such as thermoplastics and polyolefins cannot be glued!
EAN Code:	5400563028599

This technical info sheet replaces all previous versions.

All information is supplied without obligation and based on our knowledge and experience with the product under normal conditions. In practice, the information supplied can in no way replace the tests that need to be performed before first use of the product. Only prior testing of the product can prove whether the product is indeed suitable for the intended application (or not). Thus, we cannot accept any responsibility in case our products are not used in compliance with the advices given.

If the product should not meet the quality requirements, we will only reimburse up to a maximum of the purchase price of the product. We accept no responsibility whatsoever and shall under no circumstances be liable for damage or consequential loss arising from the use of the product.

For information concerning safe use and storage, please refer to the safety data sheet of the product concerned.

