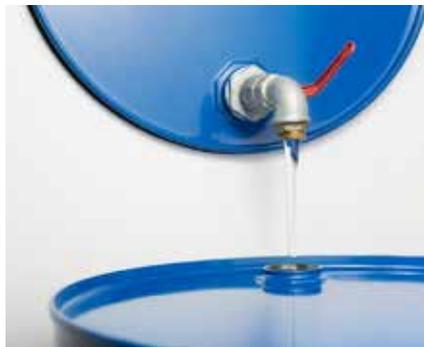


polymix

bonding solutions

Automotive Collision Repair Industry



adhesives/sealants/foams/repair and finishing materials

Automotive Products Range

Article Number	Polymix automotive products	Cartridges sizes	Product color	Working time*	Sanding time*	Painting time	Application
PLASTIC REPAIR ADHESIVES							
PL. 3001.050 PL. 3001.200	POLYMIX Ultra Fast Adhesive	1,7 fl oz - 6,76 fl oz 50ml - 200ml	Clear	35 seconds	15 minutes	40 minutes	Two part urethane adhesive with a ultra fast gel and curing time. Can be use used for general purpose gluing or to hold part in position.
PL. 3002.050 PL. 3002.200	POLYMIX Plastic Repair & Adhesive Rigid 1	1,7 fl oz - 6,76 fl oz 50ml - 200ml	Black	1 minute	20 minutes	1 hour	Two part urethane plastic repair structural adhesive to repair any kind of plastic part. One minute working time makes this product suitable for small size repairs.
PL. 3003.050 PL. 3003.200	POLYMIX Plastic Repair & Adhesive Rigid 5	1,7 fl oz - 6,76 fl oz 50ml - 200ml	Black	5 minutes	30 minutes	90 minutes	Two part urethane plastic repair structural adhesive to repair any kind of plastic part. Five minutes working time makes this product suitable for large size repairs.
PL. 3004.050 PL. 3004.200	POLYMIX Universal Repair & Adhesive Semi-Rigid 5	1,7 fl oz - 6,76 fl oz 50ml - 200ml	Black	5 minutes	30 minutes	90 minutes	Two part urethane plastic repair structural adhesive to repair any kind of SEMI RIGID / FLEXIBLE plastic part. Five minutes working time makes this product suitable for large size repairs.
PL. 3005.050 PL. 3005.200	POLYMIX Universal Adhesive Flex 15	1,7 fl oz - 6,76 fl oz 50ml - 200ml	Black	15 minutes	-	2 hours	Two part urethane adhesive designed to join parts together ensuring a good flexibility for any high strength application.
SEAM SEALERS							
PL. 5001.050 PL. 5001.200	POLYMIX Self Leveling Seam Sealer	1,7 fl oz - 6,76 fl oz 50ml - 200ml	Grey Ochre	15 minutes	-	30 minutes	Self-Leveling Seam Sealer is a two component urethane seam sealer used to match the OEM seams for trunk seams, drip rails, roof seams and core supports.
PL. 5003.050 PL. 5003.200	POLYMIX Low/Medium Build Seam Sealer	1,7 fl oz - 6,76 fl oz 50ml - 200ml	Grey Ochre	15 minutes	-	30 minutes	Two part urethane non-sag seam sealer duplicates a factory appearance on truck bed seams, tooled door skin seams, floor pan seams, core support seams. To be used to re-create the sprayed effect.
PL. 5005.050 PL. 5005.200	POLYMIX High Build Seam Sealer	1,7 fl oz - 6,76 fl oz 50ml - 200ml	Grey Ochre	15 minutes	-	30 minutes	Two part urethane for use in vertical or horizontal seams to match OEM sealers applied in rectangular shaped beed. Non-sagging, non-flowing. To be used to re-create the sprayed and brushed effect.
METAL PANEL BONDING							
PL. 6001.050 PL. 6001.200	POLYMIX Metal Panel Bond 60	6,76 fl oz 200ml	Black	1 hour	8 hours	12 hours	Two part urethane used to bond steel and aluminum . The primary use is to replace quarter panels, roofs, box sides, van sides, utility vehicle sides and door skins.
PL. 6002.050 PL. 6002.200	POLYMIX Metal Panel Bond 20	6,76 fl oz 200ml	Black	20 minutes	5 hours	8 hours	Two part urethane used to bond steel and aluminum . The primary use is to replace quarter panels, roofs, box sides, van sides, utility vehicle sides and door skins.
FOAMS							
PL. 7001.050 PL. 7001.200	POLYMIX Fast Rigid Foam - White	1,7 fl oz - 6,76 fl oz 50ml - 200ml	White	1 minute	-	1 hour	Two part urethane which foams in place to fill posts, pillars, and automotive body cavities. White color hard density.
PL. 7002.050 PL. 7002.200	POLYMIX Fast Semi - Rigid Foam - Grey	1,7 fl oz - 6,76 fl oz 50ml - 200ml	Grey	1 minute	-	1 hour	Two part urethane which foams in place to fill posts, pillars, and automotive body cavities. Grey color soft density.

* Polymix working time and sanding time are referred to a room temperature of 68° F, performances may change due to temperature variation

**YOUTUBE
TUTORIAL VIDEO**



Automotive Collision Repair Industry

Polymix bonding solution is a modern answer to any specific adhesive application

Polymix bonding solution is a modern answer to any specific adhesive application in the automotive collision repair market.

Car manufacturers are using more and more plastic and composite materials to reduce vehicle's weight, reduce fuel consumption and increase safety.

New materials in general, same as, new way to combine them makes new modern cars much different to the old ones. Different in the way they are built and in the way to be repaired.

The automotive repair aftermarket has to adopt new repair methods, new tools and new materials to repair in a professional and competitive way all the modern vehicles. Polymix bonding solution has a large range of adhesives all designed on the two-part urethane technology, to ensure high quality repairs in the collision repair market.

Polymix range includes several accessories as dispenser guns, static mixer tips, etc. All the adhesives are standardly avail-

able in the 1,7 and 6,76 fl oz cartridges size (50 and 200 ml), but can also be available in larger size cartridges if requested. To identify products families in the range, follow the labels color, this will make things easier:

- ❶ **Red** label cartridges are mainly plastic and composite material repair and bonding adhesives.
- ❷ **Blue** label cartridges are seam sealers, available in 5 different formulations to fulfill any specific requirement. Specially designed to easily reproduce the OEM seam sealer design and effect.
- ❸ **Green** label cartridges are expanding foams, 99,9% closed cell with different densities to be used to fill cavities, to reduce vibrations, to soundproof or to re-create the original part.
- ❹ **Yellow** label cartridges are metal panel bonding adhesives available in 2 different working times. Primer is not required on any metal type.



adhesives/sealants/foams/repair and finishing materials

Plastic Repair guidelines



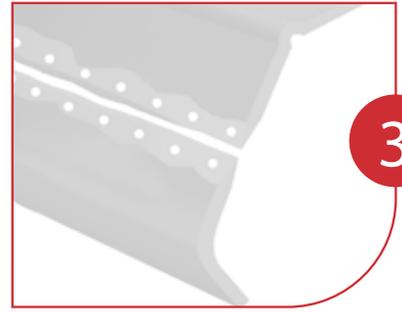
1

Clean



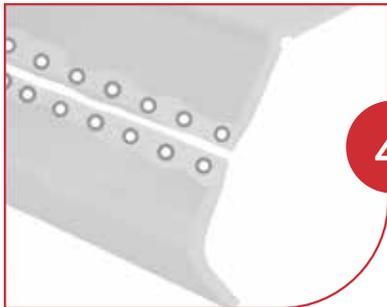
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Sand



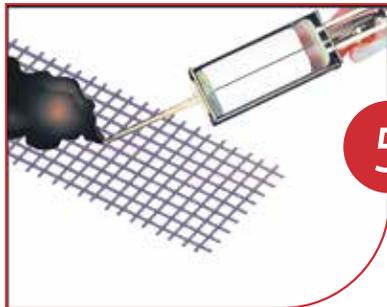
3

Drill



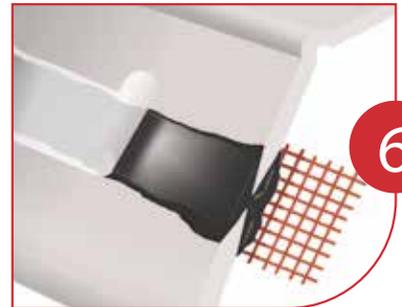
4

Countersink



5

Extrude the adhesive



6

Apply the product



7

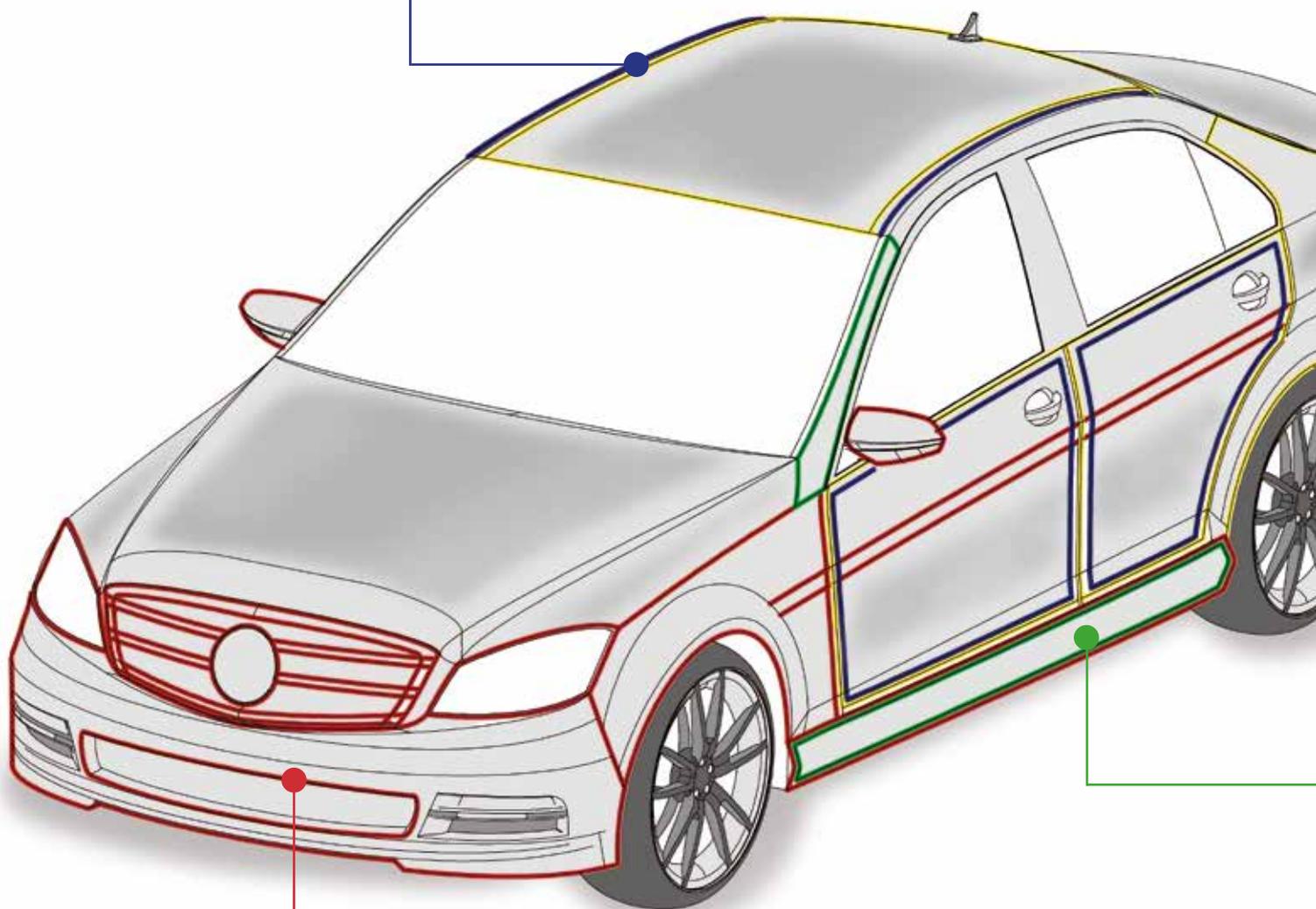
Sand & refinish



Where to use Polymix adhesives

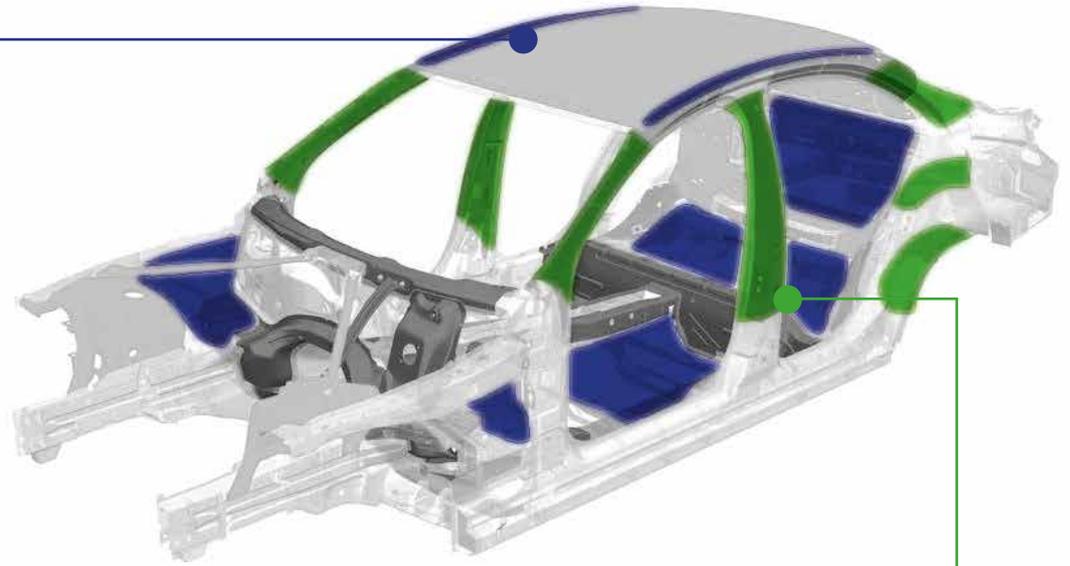
Seam Sealers

One of the most largely used products in the collision repair market, they keep out moisture and perfectly replicate the sprayed effect, brushed effect, round door's seal and many other OEM's sealers effects.



Plastic repair

To repair bumpers, headlight wings, plastic made radiators, fenders, moldings, SMC and composite material in general. Plastic Repair range includes general purpose adhesives: ULTRA FAST ADHESIVE, 35 seconds working time and UNIVERSAL ADHESIVE FLEX, 15 minutes working time for parts bonding.



Metal panel bonding

Can be used for panel bonding of quarter panels, rear body panels, roof panels, door skins, van side panels and outer truck bed panels. Two versions are available: fast and slow, with a 20 minutes or 1 hour working time.

Foams

Flexible foam can be used for sound deadening, sealing and filling of door skins to crash bar, hood panel to supports, trunk panel to supports and gas tank filler area. Rigid foam can be used in automobile pillars, rocker panel areas and in other locations to promote sound deadening and reinforcement. Rigid foam matches OEM hard foam appearance and does not retain moisture.

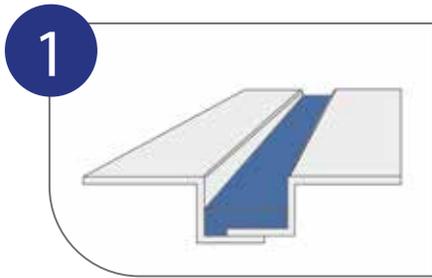
Seam Sealers applications

Colors Available

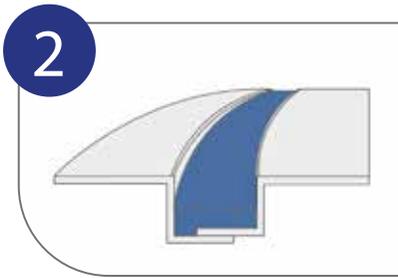
light beige

ochre

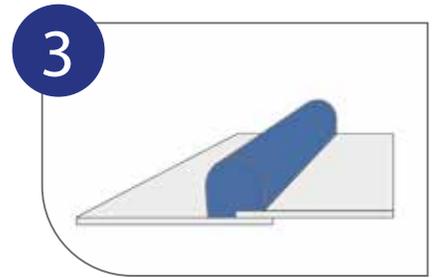
grey



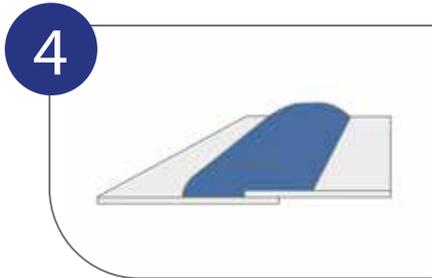
Self leveling



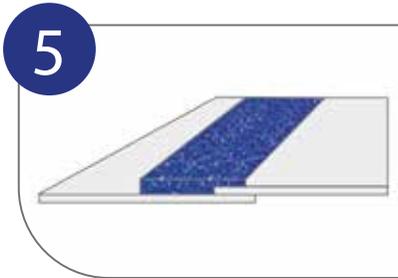
Control flow



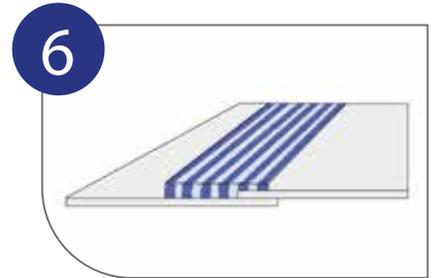
OEM medium build effect



OEM low build effect

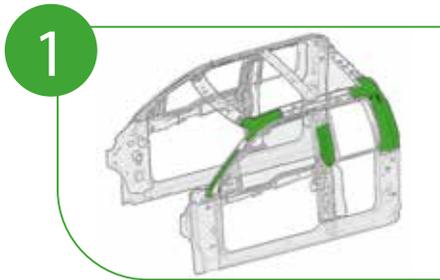


Medium build spray effect



High build brushed effect

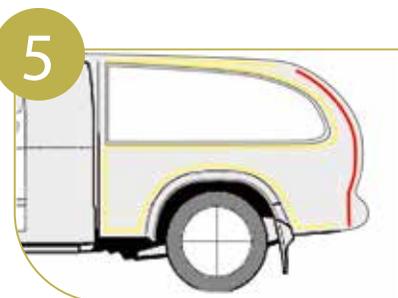
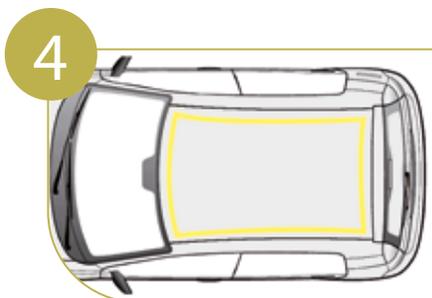
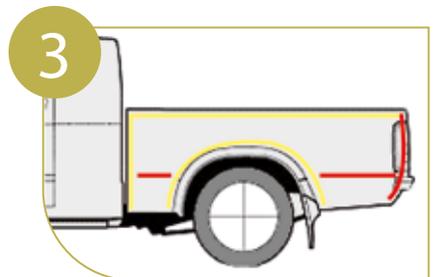
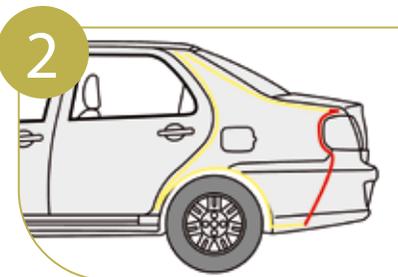
Foams applications



Metal Bonding applications

Bonding

Welding



polymix

bonding solutions



The Polymix brand belongs to Inchimica division of Prospero SRL. Inchimica is focused on the 2K urethane resin manufacturing and formulation. In the last 20 years, many specific adhesives for the Automotive Collision Repair Industry have been developed with a precise focus: make repairs easier, quicker and the closest possible to the original pre-collision status.



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