

**For SMART  
opportunities...**

**Colad**  
inventing more

**OnlyColad!**

## Colad High End Adhesives

Strong and durable repair adhesive products.

Colad offers a large range of high quality and durable adhesives based on the latest adhesive technology. All to ensure quick, high quality repairs. The program includes several accessories as dispenser guns, primers and mixer tips. Select your product and accessories fast by choosing the repair process with the corresponding colour. Colad offers easy to use solutions for plastic repairs, windscreen repairs, sealants and panel bonding.

Plastic Repair



Glass Repair



Sealants



Panel Bonding



Colad designs unique opportunities for end users, focused on achieving results within the working and company procedures. We're talking increased enjoyment at work, efficiency, sustainability, professionalism and profit. Colad, inventing more.

For more information visit  
[ADHESIVES.COLAD.CO](http://ADHESIVES.COLAD.CO)

**emm**  
just add paint

## Panel Bonding



- Adhesive especially developed for metal and composite panel bonding.
- Application on bare metal is possible, high energy absorption.
- To bond steel and aluminum. Replace quarter panels, roofs, van sides and door skins.



**Red:**  
Suggested welded areas.



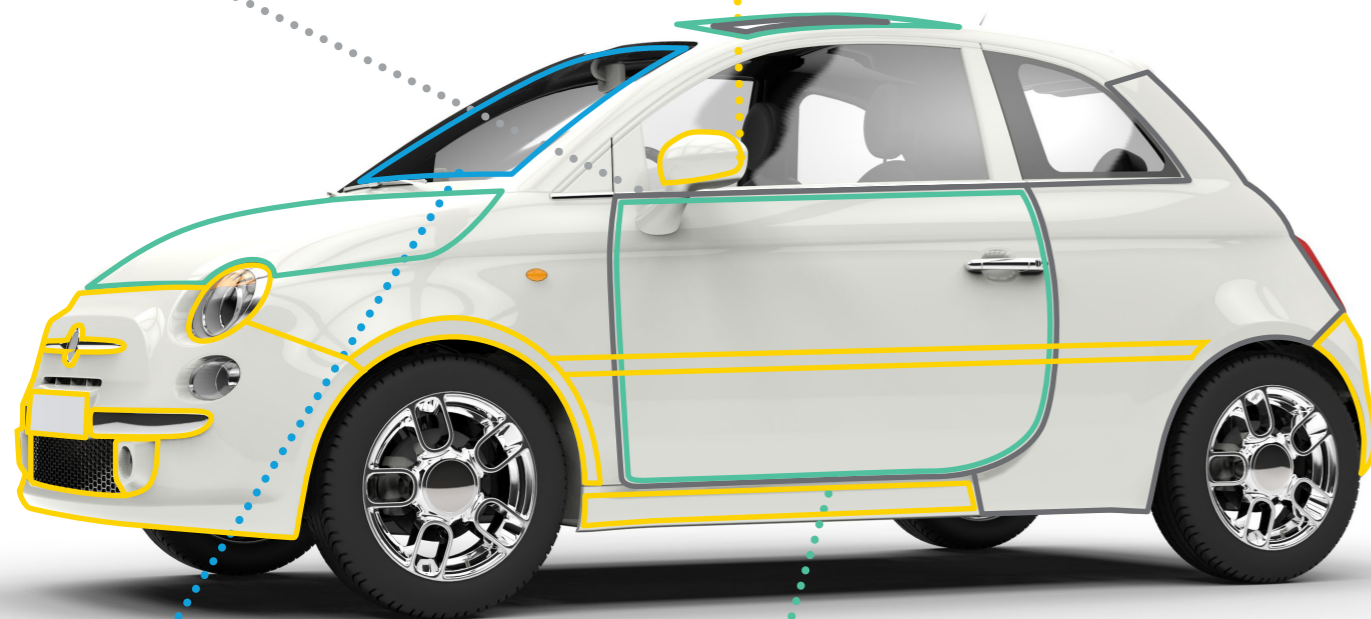
**Grey:**  
Suggested adhesive bonded areas.



## Plastic Repair



- Powerful two-part structural adhesive for plastic repairs.
- From 30 seconds quick cosmetic repairs, to larger 5 minutes repairs of plastic parts.
- Also applicable in any industry where a fast strong bond is demanded.



## Glass Repair



- Fast curing, permanently elastic adhesive. Very high initial adhesion and high adhesive strength.
- Perfectly suited for bonding windscreens to the car body. Also for bonding of windcreens in vehicle, wagon and cabin construction.

## Sealants



- Universal seam sealer or adhesive. For the automotive but also for many other applications like nautic and industry.
- Excellent filling properties, strong, flexible and durable bond. Outstanding adhesive strength on a wide range of materials and surfaces.

# Panel Bonding



## Panel Bonding Adhesive

90672440 (195 ml)(Black)

Two-component structural adhesive, epoxy based for metal and composite panel bonding. Colour black. 195 ml in a cartridge, 2 mixing tips included.

### Application

- Bond steel and aluminum panels of the same or different metal composition together.
- Alternative to refitted or welded bonded joints.
- Panel to frame assembly, aluminum panel on steel body work, aluminum fender, quarter panels, roofs and van sides.

### Benefits

- Long open time of 60 minutes, cures faster than other adhesives for panel bonding.
- Contains glass pearls to assure an even layer of adhesive.
- High energy absorption.
- Can be used on bare metal, contains a corrosion protection.
- Room temperature curing.
- Withstands automotive e-coat, powder prime and paint oven temperatures up to 230°C.

Always follow OEM instructions with repairs.  
Not for chassis/structural parts of the car.



Open time: 60 minutes.  
Working time: 90 minutes.  
Paint time: 24 hours.  
Handling time: within 4 hours/23°C.  
Full cure: 24 hours (Curing can be speeded up with IR.).



**Red:**  
Suggested welded areas.



**Grey:**  
Suggested adhesive bonded areas.



## Accessories Panel Bonding



### Universal Gun Manual

90675550

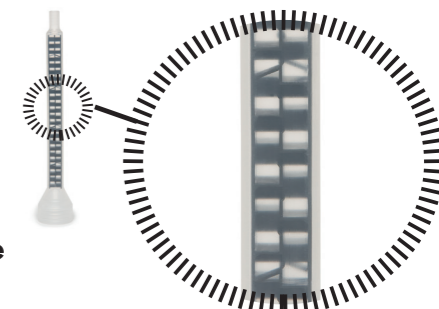
- Manually operated gun for exact placement of adhesives and sealants.
- For standard cartridges of 290 and 310 ml.



### Panel Bonding Nozzle

90663803

- 195 - 220 ml cartridges.
- Per 10 pieces.



# Plastic Repair



## Colad inventing more

### Super Fast 30 Seconds 2K Plastic Adhesive

90672258 (50 ml)(Black)

Powerful 2-component (2K-PU) plastic adhesive. For bonding and repairing of plastic parts. Colour Black. Cartridge of 50 ml. With 2 mixing tips.

- Application**
- Small, quick repairs.
  - Holds parts in position. Repair a variety of plastic parts.
  - Moldings, bumper tabs, emblems and other fast basic cosmetic and structural repairs.

- Features & Benefits**
- Sandable in 5 minutes!
  - Excellent adhesion on most plastics.
  - No smell. Fast cure.

Open time: 30 seconds.  
Handling time: 2.5 minutes.  
Sanding time: 5 minutes.  
Paint time: 5 minutes.  
23°C and a humidity of 55%.



## Colad inventing more

### Fast 1.5 Minutes 2K Plastic Adhesive

90672259 (50 ml)(Black)

Powerful 2-component (2K-PU) plastic adhesive. For bonding and repairing of plastic parts. Colour Black. Cartridge of 50 ml. With 2 mixing tips.

- Application**
- Small - medium sized repairs.
  - Repair a variety of plastic parts.
  - Structural and cosmetic repair of bumpers, panel clips, radiator grills, headlights brackets etc.

- Features & Benefits**
- Sandable in 10 minutes!
  - Excellent adhesion on most plastics.
  - No smell. Fast cure.

Open time: 1.5 minutes.  
Handling time: 5 minutes.  
Sanding time: 10 minutes.  
Paint time: 10 minutes.  
23°C and a humidity of 55%.



# Plastic Repair



## Colad inventing more

### Medium Fast 3.5 Minutes 2K Plastic Adhesive

90672240 (50 ml)(Black)

Powerful 2-component (2K-PU) plastic adhesive. Bonds, fills and repairs small to medium sized cracks and holes. Colour Black. Cartridge of 50 ml. With 2 mixing tips.

- Application**
- Bonds, fills and repairs small to medium sized cracks and holes in plastic bumpers and spoilers.
  - Structural and cosmetic repairs of variety of plastic parts.
  - In any industry where a fast strong bond is demanded.

- Features & Benefits**
- One product for structural bonding, filling and repairing.
  - Handling time suitable for medium sized repairs.
  - Excellent curing speed and strength of the bond.
  - Easy to sand.
  - Stays flexible even under cooler conditions.

Open time: 3.5 minutes.  
Handling time: 15 minutes.  
Sanding time: 30 minutes.  
Paint time: 30 minutes.  
23°C and a humidity of 55%.



## Colad inventing more

### Slow 5 Minutes 2K Plastic Adhesive

90672241 (50 ml)(Transparent)

Powerful 2-component (2K-PU) plastic adhesive. For both small and medium sized repairs. Colour Transparent. Cartridge of 50 ml. With 2 mixing tips.

- Application**
- For light coloured and transparent plastic parts.
  - Bonds, fills and repairs small to medium sized cracks and holes in plastic bumpers and spoilers.
  - Structural and cosmetic repairs of variety of plastic parts.
  - In any industry where a fast strong bond is demanded.

- Features & Benefits**
- Transparant.
  - One product for structural bonding, filling and repairing.
  - Handling time suitable for medium sized repairs.
  - Excellent curing speed and strength of the bond.
  - Stays flexible even under cooler conditions.

Open time: 5 minutes.  
Handling time: 20 minutes.  
Paint time: 45 minutes.  
23°C and a humidity of 55%.



## Accessories for Plastic Repair



### Colad inventing more

#### Plastic Cleaner

90672270 (500 ml)

- Excellent cleaning and degreasing of plastics.
- Quickly removes grease, oil and sanding dust.
- Water based.
- Spray bottle.



### Colad inventing more

#### Plastic Primer

90672267 (200 ml)

- Adhesion promoter for plastic materials.
- Improves adhesion significant in the plastic repair process.
- Aerosol.

### Colad inventing more

#### Mixing Tips Plastic Repair

90672980 (25 pieces)  
90672981 (10 pieces)

- Mixing tips for 2-component (2K) plastic repair adhesives.
- Perfect blend and exact application.
- Single use.



### Colad inventing more

#### Gun for 2K Plastic Adhesive Manual

90672666

- For 2-component (2K) adhesives.
- Compact and light weight for precise application of adhesives.



### Repair a hole in a plastic part:

- 1 Clean with Plastic Cleaner.
- 2 Drill holes around the damaged area for good adhesion.
- 3 Model and sand.
- 4 Apply Plastic Primer.
- 5 Cut Reinforcement Film and Contour Film. Apply adhesive to the Reinforcement Foil.
- 6 Place the Reinforcement Film with the glue on the back of the damaged area.
- 7 Apply Contour Film to the front of the damaged area. When needed add extra Adhesive.
- 8 Press gently, spread out evenly.
- 9 After this, sand, fill and spray for a nice result.

See the movie on our Youtube channel! Read for more technical information in the Technical Data Sheet.

## Accessories for Plastic Repair

### Colad inventing more

#### Contour Film

90672275

- Helps shaping adhesive on plastic parts.
- Restores original shape of the surface.
- Can be used to create new parts.
- Dimensions: 360 cm x 12 cm.
- Per roll.



### Colad inventing more

#### Reinforcement Film

90672276

- Helps shaping and strengthen a damaged area of cracks and holes.
- Achieves a strong and smooth surface.
- Dimensions: 360 cm x 12 cm.
- Per roll.



# Glass Repair

## Colad Fast Drive MS Windscreen Adhesive

90673720 (290 ml)(Black)

1 Hour Drive Away Time: High performance fast curing one-component SMP based (MS Polymer) windshield adhesive. High initial tack and permanent elastic. Designed for a fast 1 hour drive away time for vehicles with airbags. Low conductivity, can be used with integrated antenna's. Colour Black. Cartridge of 290 ml.

**Application**  
Designed for bonding windcreens, side and rear windows to passenger cars, trucks, tractors and many other vehicles.

- Features & Benefits**
- **Fast** - 1 hour drive away time
  - **Safe** - Successfully crash tested by the TÜV following FMVSS 208/212 regulation
  - **Strong** - Very high initial tack and extreme holding power
  - **Primerless** - Primeless adhesion
  - **Environment friendly** - Odorless. No isocyanates, silicone and solvents

Handling time: 10 minutes.  
Tack-free time: ± 15 minutes.  
Curing: 3 mm in 24 hours.  
(23°C/50% R.H.).



**TÜV Tested**  
FMVSS 208/212



## Accessories Glass Repair

### Colad Windscreen Primer

90675436 (100 ml)

- Adhesion promoter for a strong bond.
- Colourless.
- In a tin of 100 ml.

### Colad Application Nozzle Windscreen Adhesive

90628373

- Nozzle for accurate application of Windscreen Adhesive.
- Per 10 pieces in a bag.

### Colad Universal Gun Manual

90675550

- Manually operated gun for exact placement of adhesives and sealants.
- For standard cartridges of 290 and 310 ml.



# Sealants

## Colad Sprayable Seam Sealer MS Polymer

90672412 (310 ml)(Grey)

High quality Sprayable Seam Sealer. Paintable with waterborne and 2K paints. Apply with Pneumatic Caulking gun plus Nozzle Flat and Nozzles 1.5, 2 and 3 mm. MS Polymer based. Colour Grey. 310 ml in cartridge.

- Application**
- Where textured coating or sound insulation is needed.
  - Protective layer inside and outside car body welding and construction seams.
  - Restore sealing and bonding in original state.

- Features & Benefits**
- Permanent elastic.
  - Fast curing. Direct (wet-on-wet) sprayable with coating.
  - Possibility to modulate (brush).
  - Matches factory sealing jobs.
  - Protects against mechanical damages and damages by corrosion.

Drying time: Depending on temperature, humidity and thickness.  
Sand time: After fully cured.  
Paint time: Wet-wet.  
Skinning time: 15 minutes.  
Curing: 3 mm in 24 hours (23°C/50% R.H.).

## Colad Seam Adhesive MS Polymer

90672426 (290 ml)(Black)  
90672427 (290 ml)(White)  
90672428 (290 ml)(Grey)

High quality universal sealing and bonding adhesive. MS Polymer. Neutral curing. 290 ml in cartridge.

- Application**
- All joints and seams on almost all substrates.
  - Bonds many materials (metal, plastic, glass, wood, etc).
  - Can also be used as universal bonding-, sealing- and assembling sealant.
  - Used in: automotive, industry and many more.

- Features & Benefits**
- Excellent Adhesion.
  - Shrinkage nil.
  - Permanent elastic.
  - Fast curing. Wet-on-wet applicable.
  - Sandable. Paintable with waterborne and 2K paints.
  - Resistant to UV-radiation, weather, water, moist and mould.
  - Filling and bonding properties.

Drying time: Depending on temperature, humidity and thickness.  
Sand time: After fully cured.  
Paint time: Wet-wet.  
Skinning time: 10 minutes.  
Curing: 3 mm in 24 hour (23°C and a humidity of 55%).



## Accessories Sealants

### Colad Caulking Gun Pneumatic

90672658

- Accurate and even placement of sealers and adhesives 1-component (1K) gun.
- With delivery regulator or spray pressure regulator (max. 6 bar).
- Compatible with Nozzles: Flat, 1.5, 2 and 3 mm.
- For cartridges of 290 and 310 ml and sausages of 400 ml.

	Art. no.	Description	Packing
Nozzle Flat	90663772	Suitable for Caulking Gun Pneumatic (90672658).	Per 10 pieces.
Nozzle Standard	90627997	Multi-purpose nozzle .	Per 10 pieces.
Nozzle 1.5 mm	90663799	1.5 mm for Caulking Gun Pneumatic (90672658).	Per 10 pieces.
Nozzle 2 mm	90663780	2 mm for Caulking Gun Pneumatic (90672658).	Per 10 pieces.
Nozzle 3 mm	90663802	3 mm for Caulking Gun Pneumatic (90672658).	Per 10 pieces.

### Colad Universal Gun Manual

90675550

- Manually operated gun for exact placement of adhesives and sealants.
- For standard cartridges of 290 and 310 ml.



# APPLICATION OVERVIEW

● = suggested main use

□ = also suitable for

⬡ = limited, preliminary tests are recommended.

Always read the TDS and MSDS. Due to a variety of materials, preliminary tests are recommended. Always follow OEM specifications and instructions when repairing.

		Plastic Repair				Glass Repair	Sealants		Metal Repair
Art. no.		90672258	90672259	90672240	90672241	90673720	90672412	906724xx	90672440
Product name		2K Plastic Adhesive Super Fast 30 Seconds	2K Plastic Adhesive Fast 1.5 Minutes	2K Plastic Adhesive Medium Fast 3.5 Minutes	2K Plastic Adhesive Slow 5 Minutes	Fast Drive MS Windscreen Adhesive	Sprayable Seam Sealer MS Polymer	Seam Adhesive MS Polymer	Panel Bonding Adhesive
Colour		Black	Black	Black	Transparent	Black	Grey	Black, White, Grey	Black
Content		50 ml	50 ml	50 ml	50 ml	290 ml	310 ml	290 ml	195 ml
materials	Plastics (various types)	●	●	●	●	□	□	●	
	Thermoplastics A (ABS, PA, PC/PBT, PPO/PA, PET).	●	●	●	●				
	Thermoplastics B (PPO, PC/ABS, PP/EPDM).	●	●	●	●				
	Thermoplastics C (PPO, PC/ABS, PP/EPDM)	⬡	⬡	⬡	⬡				
	General Adhesion: limited. Preliminary tests recommended.								
	SMC.	●	●	●	●				
	BMC.	●	●	●	●				●
	Gel Coat.	●	●	●	●				
	PUR-RIM (plastic parts: bumper, spoilers).	●	●	●	●				
	RTM.	●	●	●	●				●
	Carbon Fiber Reinforced Plastics (CFRP).	●	●	●	●				●
	Metals (various types)					□	●	●	●
	Metals & Metal Alloys (coated or primed).	□	□	□	□				●
	Cold Rolled Steel.								●
	Aluminum.								●
	Galvanized steel.								●
	Wood (various types)	□	□	□	□	□		●	
	Glass (various types)					●	□	●	
	Ceramics (various types)					□	□	●	
repairs/application	Small and quick plastic repairs. Hold parts in position. Basic cosmetic & structural repairs. F.I. Mouldings, bumper tabs, emblems.	●	●						
	Reparation of cracks of 0 - 5 cm.		●						
	Small and medium sized plastic repairs. Structural & cosmetic. F.I. Bumpers, panel clips, radiator grills, headlights brackets.			●					
	Reparation of cracks of 5 - 10 cm.			●					
	Medium sized plastic repairs. Repair cracks and holes. Bonding and filling. Structural and cosmetic. F.I. holes and cracks in plastic bumpers and spoilers.			●	●				
	Reparation of holes and cracks of 5 - 12 cm.			●	●				
	Bonding windscreens to the car body, wagons and cabins.					●			
	Textured coating & sound insulation.						●		
	Filler suitable for larger surfaces.						●		
	Protective layer inside and outside on (car) body welding and construction seams.						●		
	Sealing & bonding.							●	
	Joints & seams.							●	
	General bonding and assembling.						●	●	
	Metal and composite panel bonding.								●
	Panel to frame assembly.								●

Choose for Colad High End Adhesives for strong and durable repairs for automotive, aviation, nautic and industry.

COLAD IS A BRAND OF EMM INTERNATIONAL  
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