



STRUCTURAL BONDING SYSTEMS



BETAFILL™ Seam Sealants Fill and Seal in One Operation

BETAFILL™ seam sealants from Dow Automotive Systems can provide factory-standard seam and panel sealing, gap filling and panel bonding in multiple applications. Available in a variety of colors, which are over-paintable with most systems, this one-component moisture-curing polyurethane sealant provides permanent elasticity and good adhesion to a variety of different substrates. No primer is needed when BETAFILL seam sealant is used on:

- Coated sheet metal
- Glass reinforced plastic (GRP)
- Polyurethane (PUR, PUR-RIM)
- Polycarbonate
- PUR-plasticized, PUR-hard
- PVC
- Wood

Applications

BETAFILL seam sealants can be used on passenger cars and light commercial/leisure vehicles for:

- Seam sealing of roof installation
- Gap filling and bonding of bonnet struts
- Sealing of floor molding and sills
- Internal seals on door skins and flange crimping areas
- Internal seam joints between panels
- Seam sealing of GRP roof
- Sealing of aluminum fabrications
- Joining of moldings, spoilers and trim
- Gap filling between panels
- Cosmetic finishing of external and internal joints
- Bonding of interior fitments and sealing of ducting-venting areas
- Anti-friction sealing and bonding of floor assemblies

In heavy truck applications, BETAFILL seam sealants can be used for:

- Sealing of lightweight construction materials
- Bedding compound to absorb shocks and vibrations
- Sealing and fixing large internal panel areas
- Sealing of wood, metal, plastic door frames and window fittings
- Bulkhead sealing and door skin fixing
- Mud guard and wheel arch sealing

Advantages

BETAFILL 10101 seam sealant:

- Sprayable
- Polyoxypropylene-based (POP)
- Provides excellent stability against light
- Immediately over-paintable, wet-on-wet

BETAFILL 10200 seam sealant:

- High viscosity
- Polyurethane-based
- Excellent body repair seam sealer
- Medium-strength bonding and sealing properties for sealing, filling and finishing
- Formulated to allow faster paintability

BETAFILL 10210, 10211 and 10215 seam sealants:

- Polyurethane-based
- Excellent body repair seam sealers, fillers and finishers
- Combine medium-strength bonding and sealing properties
- Can be abraded

Application Overview

BETAFILL seam sealants provide factory-standard seam and panel sealing, gap filling and panel bonding. See full installation instructions from Dow Automotive Systems for a complete list of surfaces that require primer or further preparation.

BETAFILL 10101 seam sealant is overpaintable with most available paints, wet-on-wet and should be painted within two hours.

When applying BETAFILL seam sealant, all surfaces must be dry and free from dirt, dust, grease and oil. To clean the surface, use BETACLEAN™ 3500 cleaner. On certain substrates and to ensure a permanent bond, it is necessary to use wipes and/or primers. For application on PVC undercoat, we recommend using BETAWIPE™ 4000.

It is recommended that BETAFILL 10101 seam sealant be dispensed using the BETAPRESS™ application gun from Dow Automotive Systems. However, it can also be dispensed from any spray gun specifically designed for sprayable seam sealers. For BETAFILL 10200, 10210, 10211 and 10215 seam sealants, air guns with rams are recommended for dispensing.

BETACLEAN 3350 cleaner is recommended for cleaning of equipment and to remove overspray.

Please contact Dow Automotive Systems' technical service department for additional information.



A Global Leader

Dow Automotive Systems is a leading global supplier of plastics-enabled technologies and solutions for the automotive and transportation market. We developed the original direct glazing adhesive system more than 40 years ago, and today these systems, along with other innovative technologies, are being utilized for aftermarket repair, noise reduction, increased vehicle energy management and safety, weight savings and to improve repair and reassembly efficiencies.

Whether your business requires polyurethane glass adhesives, repair systems for plastic or metal parts or body panels, panel sealants, brake fluids, coolant liquids or just glass cleaner, you can be sure that Dow Automotive Systems delivers the system you need.

Please refer to current Material Safety Data Sheets for safety information.

Contact your Dow Automotive Systems sales representative or visit www.dowautomotive.com for more information.

Packaging

Product	Package Size	Type	Units/Carton
BETAFILL 10101 (grey)	310 ml	Cartridge	12
BETAFILL 10200 (white)	310 ml	Cartridge	12
BETAFILL 10210 (white)	310 ml	Cartridge	12
	600 ml	Sausage	12
BETAFILL 10211 (grey)	310 ml	Cartridge	12
	600 ml	Sausage	12
BETAFILL 10215 (black)	310 ml	Cartridge	12
	600 ml	Sausage	12
BETACLEAN 3500 AF cleaner	1000 ml	Bottle	
BETACLEAN 3350 cleaner	100 ml	Can	
	1000 ml	Bottle	
BETAWIPE 4000 cleaner	15 ml	Bottle	
	100 ml	Bottle	
BETAPRESS 330 application gun	N/A	N/A	1

About Us

Dow Automotive Systems provides technology- and materials-enabled solutions for interior, exterior, powertrain, vehicle structural enhancement, acoustic management, emissions control and aftermarket applications in the automotive and commercial transportation industries.

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Automotive Systems

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