



**EN TECHNICAL DATA SHEET**

**DESCRIPTION**

Quick Fill Plus is a one-part, very fast curing, polyurethane elastic adhesive and sealant designed for car body construction and repair. Thanks to its thixotropy and outstanding body meets most demanding requirements in sealing and bonding industrial applications. Thanks to its special formulation, it is completely odorless. The product can be easily brushed and tooled in order to match the original mark and give first equipment appearance to the seam.

**AREAS OF APPLICATION**

Quick Fill Plus is suitable for sealing seams such as welds, simple and demanding joints in all types of vehicle bodywork and sheet metal and panel replacement. Suitable substrates are metals, metal primers and paint coatings (2-c systems), painted plastics.

**FEATURES**

- One-component polyurethane
- Cold applied
- Wide spectrum of adhesion
- Non-sag, exceptional thixotropy
- Bonds and seals at the same time
- Very fast curing through volume
- Over-paintable, even in a short time
- -It can be easily worked and contoured.
- Capable of withstanding high dynamic stresses
- Permanently flexible
- Vibration and sound dampening properties

## TECHNICAL DATA

<b>Appearance</b>	Non-sag thixotropic paste
<b>Color</b>	White, Grey and Black
<b>Chemical nature</b>	Polyurethane
<b>Curing Mechanism</b>	Moisture-curing
<b>Curing through volume [mm]</b> (Car Repair System Method 07) (24h - 23°C and 50% RH)	ca. 3.2
<b>Hardness Shore A</b> (DIN 53505)	ca. 47
<b>Density [g/cm<sup>3</sup>]</b> (Car Repair System method 06) (23°C and 50% RH)	ca. 1.38
<b>Skin time [min]</b> (Car Repair System Method 17) (23°C and 50% RH)	ca. 50
<b>Elastic modulus at 100% [N/mm<sup>2</sup>]</b> (ISO 37 DIN 53504)	ca. 50
<b>Tensile strength [N/mm<sup>2</sup>]</b> (ISO 37 DIN 53504)	ca. 3.0
<b>Elongation at break [%]</b> (ISO 37 DIN 53504)	ca. 480
<b>Application temperature [°C]</b>	From 5 to 40
<b>Temperature Resistance [°C]</b>	From -40 to 100

## APPLICATION

The surfaces to be treated should be perfectly clean, dry and free from dust and grease. It is necessary to treat the bonding surface according to Car Repair System application guidelines, eventually using a specific CLEANER or ACTIVATOR from Car Repair System range. It is advisable to carry out preliminary adhesion tests on the support.

Pierce through the protective membrane in the front threaded section. Screw on the plastic nozzle and cut it at an angle according to the desired bead thickness and profile. Fit the cartridge into a manual or pneumatic air operated gun (provided with telescopic piston) and extrude the adhesive/sealant carefully preventing air entrapment.

Once opened, packs should be used up within a relatively short time. The optimum operating temperature for both substrate and sealant is between 15°C and 25°C.

## WARNINGS

1. Tooling and finishing must be carried out within the tack-free time of the sealant. Quick Fill Plus can be overpainted.
2. The paint must be tested for compatibility by carrying out preliminary trials.
3. Attention must be observed with the use of alcohol or alkyd-resin since they may interfere with the curing process of the sealant and reduce the drying time of the paint itself.
4. It should be understood that the hardness and film thickness of the paint may impair the elasticity of the sealant and lead to cracking of the paint film.
5. Do not cure in the presence of curing silicone sealants.
6. Avoid contact with alcohol and other solvent cleaners during cure.
7. When applying sealant, avoid air-entrapment. Since system is moisture-cured, permit sufficient exposure to air.
8. Bonded elements may require additional holding or support during curing period.

## CLEANING OF EQUIPMENT AND PERSONAL PROTECTIVE MEASURES

Clean the tools used with acetone or solvent. When the adhesive has not yet hardened, it can be removed using paper or a cloth. Once hardened, the product can only be removed mechanically. Avoid skin contact by using latex, rubber or polyethylene gloves. If it comes in contact with the skin, remove immediately and wash with soap and water.

## PACKAGING

Aluminum cartridges 310ml - 12 pieces per box

## STORAGE AND SHELF LIFE

Quick Fill Plus can be stored for 12 months in its original packaging (unopened container) between 10°C and 25°C in a cool, dry place. The storage temperature should not exceed 25°C for extended periods of time. Keep away from wet areas, direct sunlight and heat sources.

**AVAILABLE PRODUCTS**

<b>Code</b>	<b>Description</b>	<b>Color</b>	<b>Size</b>
<b>5003-001055</b>	QUICK FILL PLUS	White	310 ML
<b>5003-001056</b>	QUICK FILL PLUS	Black	310 ML
<b>5003-001057</b>	QUICK FILL PLUS	Grey	310 ML

\*For more information about our products or means of application, please visit our website [www.carrepairsystem.eu](http://www.carrepairsystem.eu) or send us an e-mail to [info@carrepairsystem.eu](mailto:info@carrepairsystem.eu).

Technical specifications and suggestions are based on our own experience. We guarantee the perfect quality of the product. However, considering that the conditions of each specific use are beyond our control, we cannot be held responsible for the results obtained.