



DESCRIPTION

QUICK SHIELD POLYMER 500 ML is a repaintable anti-gravel with anti-corrosion and sound deadening properties based on rubber and resins. Once dry, it can be recoated with most commonly used paint systems. After complete drying of the product, a durable elastic film remains.

This product offers an excellent protection against gravel and different climatic changes. It adheres very well (without special pre-treatment) on many types of clean, dry, dust and grease free substrates. It is recommended to always carry out an adhesion test of the materials. For further information, please consult the manufacturer.

CHARACTERISTICS

- Very good adhesion to a wide range of substrates;
- Very good resistance to weathering, water spray and abrasion;
- Proven record.
- **Base material:** Solvent, resin, rubber, filler, propellant
- **Consistency:** Liquid, good consistency
- **Drying method:** Solvent emission
- **Specific gravity (20°C), DIN 51757:** Ca. 0.82 kg/litre
- **Cleaning:** Solvent (fresh), mechanical (dry)
- **Thinner:** NA
- **Solid content (DIN 53216) (3 hours at 120°C):** Ca. 25 %
- **Viscosity (20°C):** NA
- **Temperature resistance (drying):** -25°C up to +80°C
- **Resistance (20°C), drying:** Water, saline solution, oil, bases and light acids
- **Usage:** ± 0.35 kg/m² (± 0.4 litre/m²)
- **Dry to touch (20°C, 65% RH):** Ca. 10 minutes (±350 µ wet)
- **Total drying (20°C, 65% RH):** Ca. 30 minutes (±350 µ wet)
- **Forced drying (60°C):** Ca. 20 minutes (±350 µ wet)
- **Paintability (20°C, 65% RH)**

- **High-solids bicomponent:** Possible after drying, recommended primer
- **Coating System:** Possible after drying
- **Waterborne System:** Possible after drying
- **Salt solution test method (DIN 50021):** Up to 240 hours, Ri 0 to 100 µ dry coat. Up to 480 hours, Ri 0 to 100 µ dry + painting.
- **Gravel impact test (SAE-J400):** 6C - 6D at 100 µ dry layer thickness
- **Flexure test (DIN 53152, +70°C):** No cracking or loss of adhesion
- **Flexure test (DIN 53152, -30°C):** Minimal cracks, no loss of adhesion
- **Adhesion test (DIN 53151):** Gt 0 with 2C acrylic, coating & waterborne system
- **Colour:** Black, Grey and White
- **Spray can:** 500 ML

APPLICATION

Application as an anti-gravel and anti-corrosion product on bumpers, rear and front panels, doors and chassis of cars, trucks and buses. QUICK SHIELD POLYMER can also be used as a soundproofing product on wheels and chassis of cars, trucks and buses. It can be used as generic anti-corrosion and anti-gravel in:

- Automotive industry.
- Bus and coach construction.
- Trailer construction.
- Garages and repair shops.
- Body and paint shops.

INSTRUCTIONS FOR USE

Pretreatment

Surfaces must be clean, dry and free of rust, grease, dust or other contamination. Areas not be coated should be covered with masking tape.

Application

Can be applied by spray gun with air pressure of 3-6 bars. Recoatable (depending on layer thickness, temperature and humidity) after 60-90 minutes, with most two-component or one-component coatings. When using a two-component varnish, it is advisable to apply a primer coat first and wait for it to dry completely before painting, as recommended by most paint

manufacturers. To achieve thicker coats, it is recommended to allow the paint to dry thoroughly between coats. The optimum application distance is about 30 cm.

SAFETY INFORMATION

See Safety Data Sheet.

STORAGE AND SHELF LIFE

The product must not be stored below 10°C and not above 30°C. The packaging must be protected from heat and direct sunlight. When stored in a cool, dry place and in its original, unopened packaging, the product will keep for at least 2 years.

AVAILABLE PACKAGING

Code	Description	Packaging
5008-001055	QUICK SHIELD POLYMER BLACK	500ML
5008-001058	QUICK SHIELD POLYMER GREY	500ML
5008-001059	QUICK SHIELD POLYMER WHITE	500ML

*For more information about our products or means of application, please visit our website www.carrepairsystem.eu or send us an e-mail to info@carrepairsystem.eu

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