



Art.-No.:6.5150.3101

5150

Sprayable Seam Sealer

Characteristics

4CR 5150 is a low viscosity, Silyl-Terminated sealant which cures by moisture reaction to form an elastic coating. It is isocyanate, phthalates, PVC and silicone free. Specific for spray applications or by paintbrush for sealing seam and welded joints in the automotive industry and in the construction and repair of coaches and car-bodies, railway carriages, industrial vehicles and containers, it also contributes towards protection against corrosion. Excellent primerless adhesion properties to metals, painted surfaces, aluminium, PVC, glassfiber reinforced plastic, ABS, polycarbonate and plastic materials in general (excluding polyethylene, teflon).

Tech Tip

- Environmental friendly – Free of isocyanates and solvents
- No Hazard symbol required
- Odourless
- Permanently flexible in temperatures ranging from 40° to 80°C - short time resistance up to 120°C
- No change in volume – No shrinkage
- No bubble formation
- Primer-less adhesion on almost every substrate
- Neutral behaviour, does not attack support surfaces;
- Protects against corrosion;
- Both a fine and/or heavy spray can be obtained by regulation of air pressure and product dosage;
- Sealing of construction joints and electro-welded sheet metal;
- Overlap sealing between PVC and metal;
- Can be used for both internal and under-body applications;
- Vibration and sound damping properties
- Excellent weathering resistance - extremely good colour stability and UV resistance
- Over-paintable wet on wet with many water, solvent based paints (preliminary tests recommended)

Application

The substrates must be clean, dry, oil and grease free. Use 4CR 5150 with an air-pressure gun equipped with an easily regulated nozzle, spray at a distance of 30-40 cm from object. A smooth spray (orange peel effect) or a more marked effect can be obtained by regulating the nozzle and the air pressure. Spray tests should be effected beforehand in order to obtain the desired effect. 4CR 5150, can be applied directly without the use of primers on metal painted and non-painted, aluminium, stainless steel, PVC. 4CR 5150 may be over-painted with most types of lacquers used in industrial applications, however due to the large number of paints and varnishes available on the market, we recommend a compatibility test before application.

Technical Data

Chemical nature	SIMP – Silyl Terminated Polymer - Hybrid Technology
Curing mechanism	Moisture curing
Specific weight	1,36 gr/cc ± 0,02 gr/cc



Tack-free time at 23°C and 50% r.h.	approx. 30 min.
Curing at 23°C and 50% r.h.	approx. 3 mm/24h
Shore A Hardness (DIN 53505)	approx. 40
Tensile strength (DIN 53504)	1,7 N/mm ²
Elongation at break (DIN 53504)	approx. 450%
Application temperature	+ 5°C / +35°C
Temperature resistance	- 40°C / +100°C with peaks at ±180°C
Colour	grey

Storage and Transportation

5150 can be stored for 12 months in its original packing at 5° - 30°C in a cool, dry place.
 The storage temperature should not exceed 25°C for extended periods of time.