

MS SPRAY F CAR



MS Spray F Car is a moisture curing one-part neutral sealant based on MS POLYMER™ characterised by low viscosity and a particular consistency that makes it suitable for spray applications with an easy-to-use special air driven gun. Layers of different thickness and types of finish can be applied by regulating the air gun.

MS Spray F Car is expressly designed for sealing and protecting overlaps of seams and welds between sheet metal in bodywork. Due to its vibration-damping and soundproofing characteristics it is recommended for coating inside car wings, bonnets, boots and side panels.

MS Spray F Car has all the special characteristics of MS POLYMER technology:

- Does not contain solvents and isocyanates.
- Virtually no shrinking.
- Flexible at low (−40°C) and high (+ 100°C) temperatures.
- Neutral and odourless.
- Very rapid curing.
- Compatible with most paints systems.
- Can be overpainted immediately after skinning without any negative effects on hardening of the sealant and the properties of the paint.
- Excellent adhesion on glass and on all sheet metals used in bodywork, galvanised sheet metal, aluminium and rigid PVC.
- Very good resistance to ageing and UV rays.

Typical uses

- Sealing between welded plates and overlapped plates in the automotive industry.
- and the construction and repair of coach and car bodywork.
- Coating inside car wings, doors, boots and bonnets.
- Underbody protection.
- Vibration-damping and soundproofing coatings on sheet metal.

Properties

Base material : MS Polymer
Consistency : low viscosity paste
Application temperature : from +5°C to +35°C

Availability

Code	Colour	Packaging	pcs./box
1004041	grey	290 ml. cartridge	24
1004042	yellow	290 ml. cartridge	24

600 ml. sausages and 25 Kg. drums available on request.

Technical data

Specific gravity :	1,4 kg/dm ³
Shore A Hardness :	45
100% modulus (DIN 53504) :	1,5 MPa
Tensile strength (DIN 53504) :	2,0 MPa
Elongation at break :	150 - 200%
Tear resistance (ASTM D 624-73) :	9 N/mm
Skin forming time :	20 - 40 min. approx. (20°C/50% R.H.)
Curing speed :	3 mm after 24 h. (20°C/50% R.H.)

Values given in this table must not be considered as specifications



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Method of use

Adhesion and surfaces preparation: MS Spray F Car has a very good primerless adhesion on steel, galvanised steel, anodised aluminium and aluminium provided they are free from grease and on painted surfaces in general, on wood, glass and glazed surfaces, polyester and UPVC.

For applications under particular conditions, such as high moisture or porous surfaces, the use of a suitable primer can improve adhesion of sealant.

More detailed information about surface conditioning are available in the selection chart "**Primer for MS sealants**".

Application: MS Spray F Car can be applied using a suitable air gun. By adjusting the nozzle and the air pressure (2-3 atm.) it is possible to obtain a smoother (orange peel) or a rougher finish according to need.

The best spraying distance for the nozzle from the support is between 30 and 40 cm.

Storage stability

18 months (290 ml. cartridge, 600 ml. sausage), 6 months (25 Kg. drum) for the product kept in the original sealed container at a temperature range from + 5°C to + 25°C.



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