



Product code : 74110G

SAPOFIX 74110G

DESCRIPTION

SAPOFIX 74110G is a moisture fast curing one-component polyurethane sealant containing isocyanates, forming a high modulus and flexible joint.

AREAS OF APPLICATION

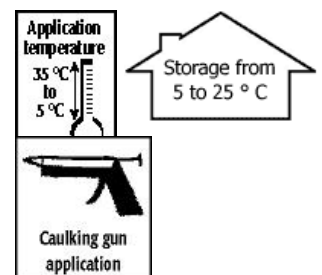
SAPOFIX 74110G can be used for the windshield bonding of cars, particularly those made in aluminium.

TECHNICAL DATA

Appearance	Pasty, thixotropic
Colour	Black
Density at 20 °C	1.40 ± 0.05
Sagging (ISO 7390)	None
Application temperature	5 to 35 °C
Skin formation time at 23 °C and 50 % HR	Ca 15 min
Cure time at 23 °C and 50 % HR	> 4 mm/24 h
Final Shore A hardness (ISO 868 - 3 seconds)	> 60
Shearing resistance (ISO 4587)	> 2.4 MPa
Shearing resistance at 5 h at 23 °C and 50 % HR (Ford SAE J 1529)	> 0.9 MPa (> 130 psi)
Shearing resistance at 7 d at 23 °C and 50 % HR (Ford SAE J 1529)	> 3.5 MPa (> 500 psi)
Modulus G10 (DIN 54451)	> 2.2 MPa
Temperature resistance	- 40 to + 90 °C
Water and salt spray resistance	Excellent
Specific data	Elongation at break (ISO 37) : > 300 % Modulus at 100 % (ISO 37) : ca 3.5 MPa Modulus at break (ISO 37) : > 6 MPa Specific resistivity : ca. 100 millions ohm.cm Crash test (standard FMVSS 212) : resists after 1 h at 5 °C and 50 % RH

ADVICE

See also material safety data sheet



INSTRUCTIONS FOR USE

Substrates preparation :

The windscreen has to be treated as follows :

- on raw glass, clean with the degreaser SAPOCOL 1001 and then apply the primer SAPOCOL 2001 BLACK.
 - on ceramic frit glass, degrease with ethanol and then apply EMFIPRIM 34022A or 34027A.
 - on encapsulated windscreen, degrease with methylethylketone (MEK) or acétone (do not use alcohol) and then apply EMFIPRIM 34025A.
 - on windscreen coated with a primer, degrease with MEK or acetone.
- Never clean the old sealant with a solution containing alcohol.

Bonding :

When the primer is completely dry, the sealant can be applied with a pneumatic or hand gun, or a robot.

Do not apply at temperatures under 5 °C. In cold weather, store the cartridges at about 20 °C before use.

The shape of the joint is given by the nozzle.

The glass coated with the sealant must be applied and pressed on the second substrate before the end of the tack free time. Take care that this time (which decreases when temperature increases) is not exceeded.

Avoid any contact with non-cured MS, hybrid PU or silicone sealants as well as with alcohols or ammonia during curing.

Cleaning :

Tools can be cleaned with EMFINET 683, xylene, MEK or acetone before curing.

After curing, mechanical cleaning is required.

Note : when using cleaner, primer or cleaning solvent, keep away from all sources of ignition and carefully follow the safety and the handling instructions given by the manufacturer.

STORAGE AND SHELF LIFE

6 months in hermetically sealed original packaging between 5 and 25 °C

PACKAGING

Wide mouth 310 ml aluminium cartridges and 400 ml sausages

SAFETY

Harmful. See Material Safety Data Sheet before use.

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired.

Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product.

Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.