

Liquimate 8100 1K-PUR gray

Description

1-component, paste-like polyurethane-based adhesive/sealant which is set (cured) by the moisture from the air to form a rubbery elastic material. The skinning and curing times are both dependent on the humidity of the air and the temperature but the curing time is also dependent on the depth of the joint. These times can be shortened by raising the temperature and humidity. Low temperatures and humidities have a retarding effect.

Properties

- high bond strength
- fast-drying
- permanently elastic after curing
- high UV resistance
- can be painted over after skin formation (preliminary tests recommended)

Technical data

Base	polyurethane
Color / appearance	grey
Form	pastelike
Density at 20 °C	1,4 g/cm ³
Curing rate at 23 °C / 50 % rh	3 mm/24h DIN 50 014
Skin formation time at 23 °C/50 % relative humidity	45 min DIN 50 014
Hardness, Shore A	45 DIN ISO 7619-1
Elongation at break	800 % DIN EN ISO 527
Processing temperature	5-35 °C
Thermal stability	-60-90 °C
Thermal stability, short-term (up to 1 hour)	120 °C
Curing system	cures through air humidity
Shelf life in original sealed container	18 months
Recommended storage temperature	5-25 °C

Areas of application

Liquimate 8100 1C PUR is used for elastic sealing/bonding, particularly for seam sealing and the sealing of narrow joints in the following areas of use – body and vehicle manufacture – wagon and container building – vehicle superstructures – ship and boat building – metal and sheet metal working – bonding of tuning parts such as spoilers and decorative trims, for

both interior and exterior applications.

Application

All external seams should be painted over (the compatibility must be tested in preliminary tests). Before the adhesive/sealant has cured, joints must be temporarily held with adhesive tapes or spacers. Liquimate 8100 1C PUR offers a great advantage in that it both seals and bonds the material. Liquimate 8100 1C PUR is not suitable or only suitable to a limited extent for structural bonds. In general, the material is ready to be painted over following skin formation time.

For safety reasons, check to see that there is skin formation prior to painting over!

Available pack sizes

300 ml Cartridge aluminum 6154
D-GB-F-I-E-NL-P

Our information is based on thorough research and may be considered reliable, although not legally binding.

