



RAMSAUER®
DICHTSTOFFE

322 PUR PRO

- Colour: grey
- Consistency: pasty
- Density: ~ 1.18 g/cm³
- Processing temperature: +5°C to +35°C
- Skin-over time: approx. 70 min. (23°C / 50 % relative humidity)
- In-depth curing / 24 hours: 3 mm (23°C / 50 % relative humidity)
- Shore-A-hardness: approx. 40 (ISO 868)
- E-modulus σ_{100} : approx. 0.4 MPa (ISO 8339)
- Elongation at break: > 600 % (ISO 8339)
- Modulus of rupture: approx. 1.4 MPa (ISO 8339)
- Temperature resistance: -40°C to +80°C
- UV-resistance: high
- Water and salt spray resistance: excellent
- Storage life: 12 months in a cool and dry place
- Packaging: 600ml foil bag / 20 units per box

Characteristics

322 PUR PRO is a single-component joint sealant on a polyurethane basis. After curing, 322 PUR PRO forms an elastic and resistant joint seal.

Application

322 PUR PRO can be used for preparing joints between different materials in general industrial and building applications. Its flexibility permits preparing expansion joints too. 322 PUR PRO adheres well to a variety of building materials such as wood, anodised aluminium, enamel-coated metals, polyester, concrete, etc., even without priming.

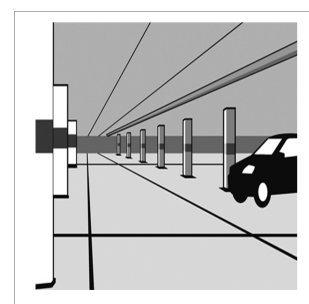
Processing

The materials to be joined/glued must be solid, level, dry, and free from dust, grease, and oil. It is recommended to clean the adherent surfaces by means of our cleaner "828 GRUND REINIGER" before applying the product. Compatibility of the adhesive/sealant with all materials with which it will be in contact (no matter whether liquid, solid, or gaseous) must be tested before gluing/sealing. In case of poor adhesion it is recommended to apply a primer.

After proper preparation of joints in accordance with the applicable standards 322 PUR PRO is introduced generously into the joint by means of suitable processing equipment. Remove any excess material by means of a smoother and spreader immediately after filling the joint with 322 PUR PRO. Remove any impurities caused by final smoothing without delay. Any open cartridges must be used within 24 hours.

Limitations of application

In case of poor adhesion the substrate must be primed. It is advisable to conduct a second adhesion test after priming. The product is not suitable for tarry or bituminous substrates. Before using the sealant the user must make sure that no incompatibility will occur in contact zones with other building materials. With respect to building materials which will be used subsequently in contact with or close to the adhesive/sealant it is imperative to ensure in advance that their ingredients and/or cleavage products will not affect or modify the sealant.





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Advice for application

Ensure sufficient ventilation during processing and curing. In view of the large number of factors which may affect processing and application the user must always try the specific application in an experiment before using the product. Take into account the expiry date of the product. The joints will have full load bearing capacity only after a curing time of 14 days. Do not submit the joints to chemical stress nor to any movements of more than 10 % during the curing phase. Environmental factors (such as chemicals, high temperatures, etc.) may affect the colour but will not affect the technical characteristics and efficiency of the sealant. After curing, the product can be removed by mechanical means only.

Priming table

Glass	+
Tiles	+
Pinewood	+
Concrete, wet ground	+
Concrete, smooth according to formwork	+
Steel DC 04	+
Hot dip galvanised steel	+
High grade steel	RP 40
Zinc	-
Aluminium	-
Aluminium AlMg1	+
Aluminium AlCuMg1	+
Aluminium 6016	-
Aluminium anodised	+
Brass MS 63 Hardness F 37	-
Rigid PVC Kömadur ES	-
PVC plasticised	-
PC Makrolon Makroform 099	-
Polyacryl PMMA XT 20070 Röhm	-
Polystyrene PS Iroplast	-
ABS Metzoplast ABS 7 H	-
PET	+
PU cut-back quality	-
Copper	RP 40
Polycarbonate	-
PMMA Röhm sanitary quality	-
Mirrors	-
Natural stone	-

Legend: + = adheres well without a primer
- = not suitable
RP = Ramsauer primer

This table is based on adhesion tests with test solids of Rocholl corporation under laboratory conditions. Under field conditions the adhesion characteristics are dependent on a variety of external factors (weather, impurities, burdens, etc.). Therefore this table serves for guidance only and does not constitute any binding statement. For more information get in touch with our application engineering department.

Safety advice

Consult our current EC-safety data sheet. Our data sheets can be downloaded from our website www.ramsauer.at at any time.



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Liability for defects

The information provided including but not limited to the proposals for processing and using our products are based on our knowledge and experience, usually at the time of going into print. The results of work may deviate from this information depending on the specific circumstances, in particular with respect to substrates, processing and environmental conditions. Therefore, neither this information nor any oral counselling shall constitute warranty or give rise to any liability on whatever legal ground for any specific result of work, unless we acted intentionally or by gross negligence. Ramsauer warrants that its products will have the technical characteristics according to the Technical Data Sheets up to their expiry date. Product users must consult the latest data sheet which is available upon request. Our current General Terms and Conditions apply which are available for download on our website www.ramsauer.at at any time.