



General Purpose Plus

Description

GENERAL PURPOSE PLUS – GP PLUS is a premium, elastic one-component acetoxy joint sealant based on silicones for industrial and professional applications.

Properties

- Ready to use, highly elastic
- Good UV resistance
- Permanently elastic after curing
- Very good adhesion on multiple substrates
- Low shrinkage

Application

- Sealing of glass window frame joints, connection joints, and building and construction joints.
- General glazing and joint work in both residential and commercial settings.
- Automotive applications, especially for sealing non-porous surfaces.
- Sealing in cold storerooms and container constructions (Preliminary adhesion tests recommended).
- Reliable sealing around windows and doors, sanitary ware, and non-porous substrates.



Technical data

Base	Polysiloxane	
Consistency	Stable paste	
Curing system	Moisture curing	
Specific Gravity (g/ml)	ca. 1.00	
Skin formation (minutes)	ca. 8	
Tack free time (minutes)	ca. 20	
Curing speed (mm/24h)	ca. 3	
Hardness (Shore A, Points)	ISO 868	22 ± 5
Tensile Strength (N/mm ²)	ISO 37	ca. 1.7
Elongation at Break (%)	ISO 37	> 500
Elasticity Modulus 100% (N/mm ²)	ISO 37	0.5
Temperature Resistance (°C)	-30 to +120	
Application Temperature (°C)	+5 to +40	

Footnote: Skinning time and curing speed may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Substrates

- Substrate condition
The surface must be rigid, clean, dry, free of dust and grease.
- Substrate preparation
Porous surfaces should be primed with Primer 150. If needed non-porous surfaces can be prepared with a Soudal activator.
- Substrate types
General Purpose PLUS has a good adhesion to all usual building substrates.
General Purpose - GP is not suitable for PE, PP, PTFE (Teflon®), PVC, and bituminous substrates. We recommend a preliminary adhesion and compatibility test prior.



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Joint Size

- Minimum Width: 5mm
- Maximum Width: 10mm
- Minimum Depth: 5mm
- Recommendation: joint depth = joint width

Application method

- Application method
Apply the product with a manual, pneumatic or a battery-operated caulking gun. It is important to ventilate well the places where the product is applied. Continue to ventilate throughout the curing time.
- Cleaning method
Swiftly clean with white spirit after usage to prevent residue accumulation & maintain equipment efficacy.
- Finishing method
Utilize soapy water to wipe away excess caulking or sealant before it dries, ensuring a polished appearance. Cured sealant must be removed mechanically.
- Repair method
Address any imperfections with GP PLUS sealant, filling gap and smoothing for a flawless finish.

Health and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label and safety data sheet for more information. Keep the area well-ventilated during use and curing of the product. Dangerous. Respect the precautions for use.

Packaging/Logistics

Colour: Translucent, White, Black
Packaging: 278g Cartridge, other packaging on request.
Shelf life: 12 months from the date of production. The product must be stored in its original, undamaged, and sealed packaging under dry conditions, protected from direct sunlight, and at temperatures between +5°C and +25°C.

Remarks

- Because of the acid nature, certain metals (eg. Copper, lead) can be affected.
- Do not apply on natural stones like marble, granite, etc. due to staining. For those applications we recommend Soudaseal 212 CS.
- Direct contact with the secondary sealing of insulating glass units (insulation) and the PVB-film of safety glass must be avoided.
- Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discoloration and loss of adhesion.
- In an acid environment or in a dark room, a white sealant can slightly turn yellow. Under the influence of sunlight, it will turn back to its initial color.
- When finishing with a finishing or soapy solution, make sure that the surfaces are not touched by this solution. This will cause the sealant not to adhere to that surface. Therefore, we recommend only dipping the finishing tool in this solution.
- We strongly recommend not applying the Finishing Solution in full sunlight as it will dry very fast in these circumstances.
- Not suitable for bonding aquariums.
- Do not use it in applications where continuous water immersion is possible.
- Do not apply on polycarbonate.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.

This technical data sheet supersedes all earlier versions. The information provided is based on our tests and practical experience and is supplied in good faith as general guidance only, without creating any liability. Since materials, substrates, application design, and processing conditions vary widely and are outside our control, we cannot accept responsibility for the results obtained from use of this information. The user must verify suitability for the intended application through their own testing, and preliminary trials are recommended in all cases. The manufacturer reserves the right to change product specifications without prior notice.