TECHNICAL DATASHEET

Update: 24/03/2022

INDUSTRY SILICONE SEALANT White neutral industry silicone sealant

Item #	EAN	Product
735941	3660338012839	INDUSTRY SILICONE SEALANT

Description

INDUSTRY SILICONE SEALANT is a neutral, high quality façade and glazing sealant.

Technical data

Basis	Polysiloxane
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (23°C/50% R.H.)	Ca. 7 min
Curing speed * (23°C/50% R.H.)	Ca. 2 mm/24h
Hardness**	Ca. 24 ± 5 Shore A
Density	Ca. 1.21 g/ml
Elastic recovery (ISO 7389)**	> 80 %
Maximum allowed distortion	25 %
Max. tension (ISO 37)**	Ca. 1,70 N/mm²
Elasticity modulus 100% (ISO 37)**	Ca. 0,39 N/mm²
Elongation at break (ISO 37)**	> 700 %
Temperature resistance**	-60 °C → 150 °C
Application temperature	5 °C → 35 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Application method

Apply the product by means of a manual-, battery- or pneumatic- caulking gun
Apply « WHITE NEUTRAL "INDUSTRY" evenly without air inclusions into the joint. Smoothen the joint with a spatula with the help of finishing solution. Avoid that soapy solution comes between the joint edges and sealant (to prevent adhesion loss).
Application method: With a manual, pneumatic or accu caulking gun.
Cleaning: Clean immediately after use
Finishing: With a soapy solution before skinning.
Repair: With the same material.

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Properties

→ Very easy to apply
→ Permanently elastic after curing
→ Very good adhesion on many materials
→ UV-resistant
→ Neutral curing
→ Low modulus
→ Very good moisture resistance
→ Very good resistance to ageing
→ Not suitable for natural stone
→ Not paintable
→ MEKO free
→ Neutral curing

Applications

→ All usual building joints with high movement.
→ Glazing and joint works.
→ Expansion joints between many different construction materials.
→ Sealing between PVC, treated wooden and metal profiles and glass

Durée de stockage

15 months unopened and stored in dry and cool conditions (Between 5 and 25 °C)

Packaging

Colour :
→ White
Carton : 15 units
Pallet : 1 350 units
Packaging : 300 ml cartridge.

Health- and Safety Recommendations

Take the usual labour hygiene into account.
Consult label and material safety data sheet for more information.
Dangerous. Respect the precautions for use.

Joint dimensions

Min. width for joints: 5 mm
Max. width for joints: 30 mm
Min. depth for joints: 5 mm
Recommendation sealing jobs: joint width = 2x joint depth..

Substrates

Substrates: all usual building substrates
Nature: rigid, clean, dry, free of dust and grease.
Surface preparation: Prepare nonporous surfaces with a cleaner.
There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates.
We recommend a preliminary adhesion and compatibility test on every surface.

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Remarks

→ Do not use on natural stones like marble, granite,...(staining).
→ Direct contact with the secondary sealing of insulating glass units (insulation) and the PVB-film of safety glass must be avoided.
→ The implementation of insulating glass and carpentry work must comply with the DTU39 and the recommendations made by the organizations SNJF and CEKAL.
→ Discoloration due to chemicals, high temperatures, UV-radiation may occur. A change in color does not affect the technical properties of the product.
→ A total absence of UV can cause a color change of the sealant.
→ 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 colour.
→ When finished with a finishing solution 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 to only dip the finishing tool in this solution.
→ We strongly recommend not to apply the Finishing Solution in full sunlight as it will dry very fast in these circumstances.
→ Do not use in applications where continuous water immersion is possible.
→ Not suitable for bonding aquariums.
→ Do not use on polycarbonate.
→ When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
→ 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 discolouration and loss of adhesion.