

COSMO® Corner Angle Adhesives

for aluminium windows and doors



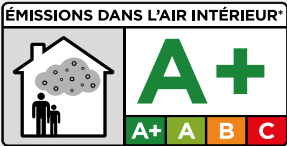
weiss

COSMO® Corner Angle Adhesives

for aluminium windows and doors

Since 1995, renowned manufacturers of valuable aluminium elements have been relying on the reliability of our COSMO® Corner Angle Adhesives. Because of varied designs and other requirements, we developed further innovative variants of adhesive and successfully established them in the market over the years:

- + **Functional strength optimised in time:** from 20 minutes to 6 hours
- + **Isocyanate - Training:** We are offering variants for which a diisocyanate safety training will not be required*
- + **Hybrids:** Hybrids provide safe bonding with simultaneous sealing and finishing of the mitre cut
- + **Sustainability:** With COSMO® PU-200.900 we are offering a bio-based variant (approx. 60% of bio-based raw materials)
- + **Classic method and injection method:** Many adhesives are suitable for the two methods**
- + **French VOC-Emission Class A+:** All variants meet Class A+



Frequently asked questions and answers
referring to obligation to training on isocyanate:
www.weiss-chemie.com/sicherheit-pu/



2-C-Adhesives

	H351 free - No obligation to training on PUR		
Product	COSMO® PU-200.350	COSMO® HD-200.101	COSMO® HD-200.201
Adhesive basis	Polyurethane	STP-Hybrid	MS-Hybrid
Shore hardness	80D	63A	48A
Film hardness	Tough-hard	Elastic	Elastic
Pot life	approx. 30 min	approx. 30 min	approx. 40 min
Functional strength	approx. 180 min	approx. 210 min	approx. 270 min
Special Properties	H351(R40) free High UV colour stability	H351(R40) free High UV colour stability ift-certified	H351(R40) free High UV colour stability
Packages			



Cleaning

Cleaning von aluminium- and powder-coated as well anodised surfaces.

Aluminium cleaner COSMO® CL-300.150 - non-dissolving

Removal of fresh adhesive residues, dust, marking pencil, rubber residues, fresh PU foam.



Our aspiration is the permanent further development of our products

1-C-Adhesives

	H351 free - No obligation to training on PUR		Classic PUR Corner Angle Adhesives*	
Product	COSMO® HD-100.110	COSMO® HD-100.800	COSMO® PU-180.120	COSMO® PU-100.130
Adhesive basis	STP-Hybrid	STP-Hybrid	Polyurethane	Polyurethane
Shore hardness	72A	74A	75D	60D
Film hardness	Elastic	Elastic	Tough-elastic	Tough-elastic
Skinning time	approx. 9 min	approx. 9 min	approx. 18 min	approx. 7 min
Special Properties	H351(R40) free High UV cstability	H351(R40) free High UV stability	Long skinning time	Professional for metal
Packages				

Classic PUR Corner Angle Adhesives*			
COSMO® PU-200.280	COSMO® PU-200.310	COSMO® PU-200.334	COSMO® PU-200.900
Polyurethane	Polyurethane	Polyurethane	Polyurethane
85D	85D	65D	80D
Tough-hard	Tough-hard	Semi-hard	Tough-hard
approx. 60 min	approx. 20 min	approx. 50 min	approx. 25 min
approx. 360 min	approx. 90 min	approx. 300 min	approx. 180 min
ift-certified Classic product with more than 30 years of experience	Fast reaction time	Semi-hard adhesive joint	approx. 60% bio-based H351(R40) free High UV stability

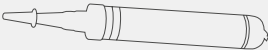


Sealing of cut edges of sections

To prevent blank cut aluminium edgesfrom corroding, they must actively be protected from air and moisture.

Anti-corrosion sealant COSMO® HD-100.411

Colour: grey (also available in white and black)



* Up to 24 August 2023, your employees who process PU adhesives must have received a diisocyanate safety training.
This does not apply to COSMO® PU-200.350 and our hybrid adhesives.

** The user has to assess the suitability in the individual case. 1-C-adhesives are not suitable for the injection method.

An overview of our range of products

Experience quality on a completely new level, with the powerful products by Weiss:



COSMO® Adhesives

Durably firm bond joints

COSMO® CA (Cyanoacrylates)
COSMO® PU (Polyurethane adhesives)
COSMO® CL (Cleaning agents)
COSMO® SL (Diffusion adhesives)
COSMO® HD (Hybrid adhesives)
COSMO® EP (Epoxy-resin adhesives)
COSMO® DS (Dispersion adhesives)
COSMO® SP (Service products)

Fields of application

- + Windows and doors
- + Transportation / Marine engineering
- + Industry
- + Assembly
- + Dry construction
- + Airtight bonding
- + Wood / Furniture industry
- + Container construction
- + Composite panels
- + Fire protection
- + Advertising industry

Do you have any questions?

Our Service Center
Adhesives Division:

+49 (0) 2773 / 815 - 255
+49 (0) 2773 / 815 - 274



COSMO® Composite Panels

Unlimited possibilities for design

COSMO® Therm (heat-insulating)
COSMO® Silent (sound insulating)
COSMO® Protect (penetration-resistive)
COSMO® Design (grooved)
COSMO® Tech (individual)
COSMO® Frame (frame widening)

Fields of application

- + Window and façade
- + Door construction
- + Industry
- + Automotive manufacturing
- + Trailer construction
- + Partition panel construction
- + Gate construction
- + Container construction
- + Energy conservation
- + Fire protection
- + Burglar resistance
- + Sound proofing

Do you have any questions?

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Our Service Center
Façade Division:

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PUDOL CARE
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PUDOL POWER
Powerful cleaning agent for extreme pollution
PUDOL FRESH
Cleaning agent for cleanliness and fresh air

Fields of application

- + FLOORING
- + Sanitary area
- + Clothing care
- + Food industry
- + Household and gastronomy
- + Windows and glass
- + Dishwasher
- + Carpet and upholstery
- + Industry and workshop
- + Cars
- + Skin cleaning
- + Skin protection

Do you have any questions?

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