

# Adhesives that do not require any special training

## Adhesives without training obligation for diisocyanate





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



Meanwhile, many adhesives require a diisocyanate safety training, this also applies to some of our COSMO® adhesive systems for bonding of corner angles and in aluminium window construction. However, for some variants of adhesive you do not need this training. These include our powerful hybrid adhesives as well as some special PUR adhesives that are eminently suitable for bonding of corner angles and aluminium window construction.

For nearly 3 decades, our customers have been convincing in our polyurethane corner angle adhesives. They convince of their reliability, optimised functional strength, as well as by the large number of different variants.

Our corner angle adhesives that do not require any training complete this product range perfectly. *Your advantage: These adhesives do not require any diisocyanate safety training!*

Adhesives that require a training	Alternatives that do not require any training
COSMO® PU-200.280 (beige) COSMO® PU-200.281 (white) COSMO® PU-200.310 (ivory) COSMO® PU-200.284 (grey)	COSMO® HD-200.101** COSMO® HD-200.201** COSMO® PU-200.350 COSMO® PU-200.900
COSMO® PU-100.130 (white / grey/ black)	COSMO® HD-100.500** COSMO® HD-100.800**



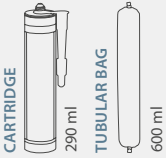
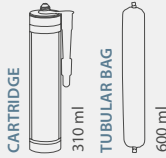
- Our alternatives are:
- + No training required
  - + Free from H351
  - + Low level of labelling



Injection method



Classic method

1- Component-Adhesives*		
Product	COSMO® HD-100.800**	COSMO® HD-100.500**
Adhesive basis	STP-Hybrid	STP-Hybrid
Shore hardness	74A	72A
Film hardness	Elastic	Elastic
Pot life	approx. 9 min	approx. 9 min
Functional strength		
Special Properties	H351(R40) free High UV colour stability 	H351(R40) free High UV colour stability 
Colour	white / black	white / black
Packages	 CARTRIDGE 290 ml TUBULAR BAG 600 ml	 CARTRIDGE 310 ml TUBULAR BAG 600 ml

### Accessories

In addition to a wide range of adhesive systems, we are also offering accessories, that optimise the use and handling of our adhesive systems.



#### Sealing of cut edges of sections

To prevent blank cut aluminium edges from 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)



#### Cleaning

Cleaning of 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.

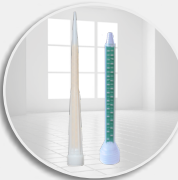


#### Dosing

Air guns for dosing of adhesives in tandem cartridges

#### Air guns COSMO® SP-750.111, SP-750.121 and SP-750.150

SP-750.111 for 2x190ml tandem cartridge, SP-750.121 for 2x310ml tandem cartridge, SP-750.150 for side by side cartridges





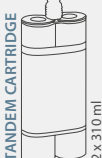
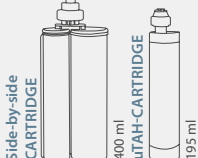
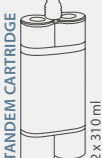
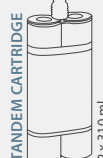
#### Static mixer

Static mixing tubes for homogeneous mixing of 2-C-PUR adhesives used with tandem cartridges (double chamber cartridges).

#### Static mixer COSMO® SP-800.221 and SP-800.230

SP-800.221 for injection method and classic procedures, SP-800.230 for classic procedures



2-Component adhesives			
COSMO® PU-200.350	COSMO® HD-200.101**	COSMO® HD-200.201**	COSMO® PU-200.900
Polyurethane	STP-Hybrid	MS-Hybrid	Polyurethane
80D	63A	48A	80D
Tough-hard	Elastic	Elastic	Tough-hard
approx. 30 min	approx. 30 min	approx. 40 min	approx. 25 min
approx. 180 min	approx. 210 min	approx. 270 min	approx. 180 min
H351(R40) free High UV colour stability	H351(R40) free High UV colour stability ift-certified 	H351(R40) free High UV colour stability	approx. 60% bio-based H351(R40) free High UV colour stability 
White	White / grey/ black	grey / black	White
 TANDEM CARTRIDGE 2 x 310 ml	 Side-by-side CARTRIDGE 400 ml TUBULAR BAG 195 ml	 TANDEM CARTRIDGE 2 x 310 ml	 TANDEM CARTRIDGE 2 x 310 ml

\*1-component adhesives are not suitable for the injection method .

\*\* The user has to assess the suitability for the individual case.

# 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  
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## **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 Cleaning and maintenance products**

*Cleanliness refreshes your senses*

**PUDOL SOFT**  
Mild cleaning agent for sensitive materials  
**PUDOL CARE**  
Maintenance product for high gloss and hygiene  
**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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