

# An overview of our range of products

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



**COSMO Adhesives**

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

### Areas of application Adhesives

Automotive manufacturing	Shipbuilding	Container construction	Fire protection
Industry	Window / door construction	Sandwich board manu-	Dry construction
Airtight bonding	Assembly works	Advertising industry	Construction of railway vehicles



**COSMO Composite panels**

- COSMO Classic** (Classic composite panels)
- COSMO Silent** (Noise insulation)
- COSMO Protect** (Burglar/penetration resistance)
- COSMO Design** (Upmarket appearance)
- COSMO Tech** (Technical elements)
- COSMO Therm** (Basic elements)

### Areas of application Composite panels

Automotive manufacturing	Shipbuilding	Container construction	Fire protection
Industry	Window construction/	Façade	Gate construction
Partition panel construction	Sound proofing	Burglar/penetra- tion resistance	Energy conservation

### Do you have any questions?

Our Service centre is available for you:  
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*made by weiss*

## COSMO Adhesives

Sealing Assembly Adhesives





# COSMO Sealing Assembly Adhesives

## MS-Polymer-Adhesives

With our compact MS-polymer product series consisting of six sealing assembly adhesives, we are able to cover a wide range of bonding assembly applications where a very good aging and weather resistance is required.

- Many different possibilities of application
- Good adhesion with many different materials
- High weather resistance and very good UV stability
- Colours: white, grey, black, other colours on request

## Fields of application

- |                |                    |                       |
|----------------|--------------------|-----------------------|
| Automotive     | Repair             | Building applications |
| Vehicle bodies | Assembly           | Dry construction      |
| Shipbuilding   | Skirting           | Fixation of labels    |
| Sealing        | Stair construction | Natural stone bonding |



	The multi-talent	The sealer	The fast one	The controlled one	The powerful	The transparent
<b>Product</b>	<b>COSMO HD-100.400</b>	<b>COSMO HD-100.600</b>	<b>COSMO HD-100.470</b>	<b>COSMO HD-200.101 (2-C)</b>	<b>COSMO HD-100.450</b>	<b>COSMO HD-150.160</b>
<b>Emphasis</b>	All-rounder	Sealing	Fast tack-free time	Controlled full hardening	High-Tack / First-Tack	Transparent
<b>Viscosity (+25°C)</b>	~ 600.000 mPa*s	~ 250.000 mPa*s	~ 600.000 mPa*s	~ 150.000 mPa*s	~ 1.500.000 mPa*s	~ 300,000 mPa*s
<b>Skinning time (Pot life 2-C)</b>	12 minutes	15 minutes	5 minutes	30 minutes	6 minutes	10 minutes
<b>Curing</b>	4.0 mm/24 h	2.0 mm/24 h	4.0 mm/24 h	after 3 1/2 hours strength over 1 N / mm <sup>2</sup>	4.0 mm/24 h	2.5 mm/24 h
<b>Hardness Shore A</b>	55	30	50	63	60	36
<b>Elongation at break/Breaking elongation</b>	350 %	500 %	350 %	250 %	250 %	230 %
<b>Absorption of water (stored for 14 days)</b>	2.5 %	5.5 %	3.0 %	2.0 %	3.5 %	1.0 %
<b>Salt mist test</b>	Good	Good				
<b>Tensile shear strength, +20°C</b>	3.1 N/mm <sup>2</sup>	2.3 N/mm <sup>2</sup>	2,8 N/mm <sup>2</sup>	4.0 N/mm <sup>2</sup>	3.0 N/mm <sup>2</sup>	2.3 N/mm <sup>2</sup>
<b>No marking required</b>	✓	✓	✓	✓	✓	✓
<b>Solvent-free</b>	✓	✓	✓	✓	✓	✓
<b>EMICODE® EC1<sup>PLUS</sup></b>	✓	✓	✓	✓	✓	
<b>Can be coated over</b>	Good	Good	Satisfying	Satisfying	Satisfying	
<b>ISEGA / indirect food contact</b>	✓	✓	✓	✓	✓	✓
<b>ETAG 022 compatible</b>	✓	✓	✓	✓	✓	✓
<b>Indoor and outdoor application</b>	✓	✓	✓	✓	✓	✓
<b>Content / euro cartridge</b>	310 ml	310 ml	310 ml	195 ml	310 ml	290 ml
<b>Content / tubular bag</b>	600 ml	600 ml	600 ml	400 ml	600 ml	
<b>Content / uTAH cartridge</b>						
<b>Content / side.by.side cartridge</b>						
<b>Colours</b>	white/black/grey	white/black/grey	white	grey/black	white	transparent

