

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

