



ARDEX CA 20 S

SMP quick assembly adhesive

- 1-component assembly adhesive based on silane-modified polymers
- Paintable
- Solvent- and water-free
- High adhesive strength
- Non-shrinking, elastic and vibration-resistant adhesive joint



Colours

white

Area of application

Indoor and outdoor, walls and floors.

For bonding profiles, skirting boards, terminal blocks, cable ducts, insulation boards, wood and plastic materials, metal profiles, parquet elements, ceramic tiles and many other materials on absorbent and dense substrates.

For sealing floor and connection joints in metal, wood, ceramics and plastics.

ARDEX CA 20 S is characterised by its strong immediate adhesion "high tack" and Shore A hardness (approx. 75). Its fast curing and the number of possible uses open up a wide range of applications.

Art

Silan-modified polymer that hardens through reaction with moisture.

Preparation of the surface

The substrate must be stable, free of dust, grease, oil and release agents. The substrate surface may be slightly damp (no film of water). Old adhesives, dispersion-bound paints and coatings, bitumen and tar must be removed.

ARDEX CA 20 S SMP rapid-setting adhesive has an exceptional range of adhesion properties for a wide variety of different materials. The adhesion of the adhesive must be tested by the user before use.

Processing

Unscrew the nozzle and cut to size. The product can be applied using a hand or pneumatic press.

Apply ARDEX CA 20 S in strips to the substrate or to the material to be bonded and press down within 5 minutes at approx. +20°C. When applying in dots, take the weight of the workpieces into account.

Do not use ARDEX CA 20 S SMP rapid-setting adhesive at temperatures below +5°C or above +35°C. The setting time and curing speed depend on the temperature, air humidity and moisture content of the substrate. Lower temperatures, air humidity and substrate moisture prolong the setting time and delay the curing speed.

Seal opened cartridges immediately and use as soon as possible.

If in doubt, carry out test bonding.

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Please note

After curing, ARDEX CA 20 S can be coated with most commercially available varnishes and paint systems based on dispersion and alkyd resins. However, due to the wide variety of paints available on the market, a test coat is recommended.

To facilitate processing at low temperatures, it is recommended to store the cartridges at room temperature.

When using ARDEX CA 20 S, follow the instructions of the active ingredient and material manufacturers.

Remove adhesive contamination in the fresh state with a clean cloth or wax-based agents.

Avoid contact with bitumen-containing and plasticiser-releasing materials such as butyl, EPDM, neoprene, insulating and black coatings, etc.

Not suitable for bonding in permanently wet areas.

Note

The information in our safety data sheets must be observed. For commercial users only!

Additional information

Proceed carefully during application: avoid dust formation and release into the environment.

Dispose of the container and its contents in a sealed state in accordance with applicable local/regional/national/international regulations.

Technical data according to ARDEX quality standard

Consumption	30 - 40 ml/lfdm (depending on the cut of the nozzle)
Base	Silane-modified polymer
Consistency	Stable
Colour	White
Processing temperature	+5°C to +35°C
Resistance to temperature	-30°C to +90°C
Specific weight	1.56 kg/l
Shore A hardness approx.	75
Tensile strength approx.	1.63 N/mm ²

Application properties

Skin formation time approx.	5 Minute(s)
Application Ambient conditions	+23°C / 50% RH

Product details

Labelling according to GHS/CLP	See relevant safety data sheet
Labelling according to ADR	See relevant safety data sheet
EMICODE	EC 1 PLUS = very low emissions PLUS
Packaging	Cartridge with 310 ml net, packed in boxes of 20
Storage	Can be stored in a cool but frost-free place for approx. 12 months in the original sealed container.