



ARDEX CA 20 T

MULTI-PURPOSE SMP SEALANT ADHESIVE

- SMP polymer based mounting adhesive sealant
- High adhesion strength without the need for a primer
- For internal and external use
- Can be painted with water-based paints, does not cause stains
- Does not contain solvent, silicone and isocyanate
- Suitable for horizontal and vertical applications
- Joint filler with adhesion feature without loss of volume



Use

It's used internal and external, on the wall and floor.

ARDEX CA 20 T is ideal for variety of construction projects including:

Edge finish etc. profiles, skirting boards, cable ducts, insulation plates, wooden and synthetic elements, metal profiles, parquet and wooden floors, rough surfaces (concrete, brick, limestone), ceramics, etc. bonding coating materials and many other products to absorbent or non-absorbent surfaces.

It is used for filling and insulation of metal, wood, ceramic and PVC joints on floors. It is used as a sealant in the joints of rainwater collection pipes on roofs and in rain gutters.

It' used in various sheet metal joints such as automobile, container, caravan manufacturing, ventilation ducts subject to high vibration, for filling joints and floor joints subject to low movement.

Surface Preparation

The subfloor on which the application should be dust-free, solid, carrier, dry, clean, free of separating substances and residues. Remains of old adhesive, paint, bituminous or pitch-like layers must be thoroughly cleaned.

ARDEX CA 20 T shows exceptionally good adhesion when bonding a wide variety of products. Adhesion should be tested before application



ARDEX Yapı Malzemeleri Ltd. Şti.

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52141 ARDEX CA 20 T

EN 15651:F-EXT-INT 20HM

Sealant for non-structural use in joints for facades

Type: F-EXT-INT 20 HM

Conditioning: A+B Method

Substrates: Glass / Aluminum

Reaction to fire:

E

Release of chemicals dangerous to health and the environment:

NPD

Water tightness and air tightness

Resistance to flow:

≤ 3 mm

Loss of volume:

≤ 10 %

Tensile properties at maintained extension after water immersion:

passed (NF)

Tear resistance:

passed (NF)

Durability:

passed (NF)

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Application

Cut the cannula tip according to the width of the application surface and screw the additional tip in the package.

Apply ARDEX CA 20 T to the gap, joint or surface in the form of a strip and press and hold the object to be bonded for about 5 minutes at an air temperature of 20°C. Pay attention to the weight of the objects in joint applications.

Do not apply ARDEX CA 20 T at temperatures below +5°C and above +40°C. Adhesion, suppression and drying time may vary depending on the ambient and ground temperature and humidity. Low temperatures can increase drying time.

Close opened cartridges immediately after use and try to consume them as soon as possible.

In conflicting situations, make sure to try beforehand.

To be Considered

Since there are a wide variety of paint and coating materials on the market for paint applications on ARDEX CA20T, a trial must be made before use.

In order to facilitate the application at low temperatures, first store the products at room temperature.

Before using the ARDEX CA20T, must be read the manufacturer's recommendations and instructions with it including the products to be used.

Residues of the product, which are transmitted to unwanted places on the surfaces, should be cleaned with industrial gasoline (White Spirit) or alcohol before the product cures. After curing is complete, it can only be cleaned mechanically.

If used during application, masking tapes should be removed immediately after application.

Recommendation

If it gets on the skin, immediately clean it with plenty of soap and water. It should not reach the hands of children.

The place should be ventilated during application and drying.

Since the product can be used with multi-purpose and various products, a trial application must be made before the application.

The expiry date of the product should be observed.

If the storage and transportation period is prolonged in a humid and high temperature environment, the storage period of the product and the properties of the product may be adversely affected.

Before the application, the user should try and make sure that it does not damage the products to be used with it, depending on the purpose to be used as an adhesive or insulation product.

Disposure

Product residues should be disposed of in accordance with local, national and international regulations.

Safety Precautions

May show allergic reactions. The safety data sheet is available on request.

Technical Data According to ARDEX Quality Standards

Product Type:	Silan Modified Polymer (SMP)				
Density:	Approx. 1,60 kg/l				
Color:	White, Black or Gray				
Material Requirement:	Approx. 30-40 ml/ lin-m				
Example Coverage (for 600ml cartridge)					
Joint Width	5mm	10mm	15mm	20mm	25mm
Joint Depth	5mm	8mm	10mm	12mm	15mm
Joint Length	12 lin-m	5 lin-m	3 lin-m	2 lin-m	1,3 lin-m
Shelling Time *:	Approx. 45 minutes				
Drying/Setting Time *:	Approx. 24 hours for 2.5mm				
*Approximate values calculated in a laboratory environment at +23°C temperature and 50% relative humidity. Ambient and weather conditions can change these values. High temperatures and lower relative humidity shorten these times, while lower temperatures and high relative humidity prolong these times.					
Hardness Shore-A:	Approx. 45				
Tensile Strength:	1,5 – 2,0 N/mm ²				
Elongation at Break:	≥ %300				
Volume Loss *:	< %3				
Working Temperature:	Between +5°C and +40°C				
Temperature Resistance:	Between -40°C and +90°C				
VOC:	French A+ VOC				
GHS/CLP classification:	None				
GGVSEV/ADR classification:	None				
Packaging:	290ml cartridge / 600ml cartridge 12 cartridges in a box				
Shelf Life and Storage:	It can be stored for approximately 12 months in its original unopened package, provided that it is protected from sunlight and frost, in a dry and cool environment.				