



ARDEX CA 20 TS

Slip-Resistant, SMP Based, Quick Mounting Adhesive

- SMP polymer based mounting adhesive sealant
- High adhesion and initial grip strength
- For internal and external use
- Can be painted with water-based paints, does not cause stains
- Does not contain solvent, silicone and isocyanate
- High adhesion strength without the need for a primer
- Non-sagging, non-shrinking, vibration resistant flexible joint filler



Description

A single-component assembly adhesive, formulated with silane-modified polymer, undergoes hardening upon exposure to moisture. It exhibits excellent adhesion and initial grip strength, enabling the bonding of heavy construction materials without requiring additional fixation.

Use

Used for both indoor and outdoor applications, on both walls and floors.

A versatile adhesive engineered for bonding a variety of construction materials. It is employed to attach panels, profiles, and various elements within buildings to surfaces including stone, concrete, mirrors, glass, plaster, PU, PVC, polyester, plastic, ceramic, copper, lead, zinc, aluminum, wood, and more.

It is employed for attaching edge finishes, profiles, skirting boards, cable channels, insulation boards, wood and synthetic elements, metal profiles, parquet, wooden flooring, rough surfaces (concrete, brick, limestone), ceramic coatings, and many other products to absorbent or non-absorbent surfaces.

Used for filling and insulating joints between metal, wood, ceramic, and PVC on floors. Also used for providing waterproofing in the joints of rainwater collection pipes and gutters on roofs.

Applied in various sheet metal joints such as in automobile, container, and caravan manufacturing; for sealing ventilation channels subjected to high vibration, as well as filling joints in floorings with low movement.

ARDEX Yapı Malzemeleri Limited Şirketi
İstanbul Deri Organize Sanayi Bölgesi Deşen Sk.
No:14/A C1 Özel Parsel Tuzla/İstanbul/TÜRKİYE
Tel.:+90 (216) 394 0114 Fax:+90 (216) 394 0377
info@ardex.com.tr - www.ardex.com.tr



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ARDEX Yapı Malzemeleri Limited Şirketi

İstanbul Deri Organize Sanayi Bölgesi
Desen Sokak No: 14/A C-1 Özel Parsel
34956 Tuzla/İstanbul/Türkiye

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EN 15651-1: 2012

EN 15651-2: 2012

52142 ARDEX CA 20 TS

EN 15651-1:F-EXT-INT-CC 20HM

EN 15651-2:G-CC 20HM

Sealant for non-structural use in joints
for facades and glazing

Type: F-EXT-INT-CC 20 HM

G-CC 20HM

Conditioning: B Metodu

Substrates: Cam, Alüminyum

Reaction to fire

: E

Release of chemicals dangerous to health and the environment

: NPD

Water tightness and air tightness

Resistance to flow

: ≤ 3mm

Loss of volume

: ≤ 10%

Tensile properties at maintained extension after 4 days

: passed (NF)

immersion in water

Adhesion/Cohesion properties at maintained extension after

: passed (NF)

exposure to heat, water and UV

Elastic recovery

: %60

Determination of tensile properties (-30°C)

: ≤ 0.9 MPa

Durability:

: passed (NF)

ARDEX Turkey is a subsidiary of the international ARDEX Group.

ARDEX CA 20 TS

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Utilized in the fixation of facade and ceiling cladding equipment.

Applied in the installation of sound insulation panels (mineral wool, wood, and plastic foam panels).

Used for securing thermal insulation panels (PUR, PIR, PS).

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 TS shows exceptionally good adhesion when bonding a wide variety of products. Adhesion should be tested before application

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 TS 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 TS 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 CA 20 TS, 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 CA 20 TS, 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)

Color: White, Black or Gray

Material Requirement: Approx. 30-40 ml / lin-m

Example Coverage (for 290 ml cartridge)

Joint Width	10mm	15mm	20mm
Joint Depth	5mm	8mm	10mm
Joint Length	6 lin-m	2.5 lin-m	1.5 lin-m

Density: Approx. 1,49 kg/l

Shelling Time *: Approx. 20 minutes

Drying/Setting Time *: Approx. 24 hours for 3.5mm

*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: 55 ±5

Tensile Strength: 3,0 – 3,5 N/mm²

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 sausage
12 cartridges in a box

Shelf Life and Storage: It can be stored for approximately 9 months in its original unopened package, provided that it is protected from sunlight and frost, in a dry and cool environment.