

ADROSEAL® 200

Single-Component Solvent-Free Fast-Curing Polyurethane Sealant

Tanım

ADROSEAL® 200 is a single-component, moisture-curing, solvent-free polyurethane adhesive sealant. It has high adhesive strength and does not sag. It offers good vibration and weather resistance. The product is manufactured in accordance with ISO9001/ISO14001/TS16949 standards.

FEATURES

- Single-component, easy application
- Non-drip
- Safe driving time 1 hour (without airbags)
- Solvent-free (below 1%), very low odor, environmentally friendly
- Good weather resistance, vibration and fatigue resistance

TEKNİK VERİLER

Feature	Value
View	Proper Putty
Color	Black
Density	1.25 ± 0.05 kg/l
Tack-free time	10 - 20 minute
Curing rate	4 mm/24 hour
Fracture elongation	~%250
Tensile strength	> 7 N/mm ²
Shore A hardness	~60
Application temperature (°C)	5-35 °C
Operating temperature	-40°C ile +90°C
Shear strength	> 4 N/mm ²
Tear resistance	> 10 N/mm
Short period (up to 48 hours)	130°C

= 23°C and 50% relative humidity

AREAS OF USE

ADROSEAL® 200 is used for bonding front, rear, and side windows, bus body bonding, and other adhesive and gap-filling applications that require high strength. It should be used together with a primer.

APPLICATION NOTE

- Clean the surface to be free of dust, dry, and free of oil or grease.
- Apply ADROSEAL® Activator and ADROSEAL® Primer.
- The mastic cures with the moisture in the air. The lower the temperature and humidity, the slower the curing; the higher the temperature and humidity, the faster the curing.
- The recommended working temperature is 5-35°C, with the optimal working temperature being 15-25°C.

CHARACTERISTICS OF THE MASTIC LAYER

1. The product cures with the moisture in the air and forms a high-strength elastic structural mastic layer.
2. The mastic layer is resistant to water, weak acids, and neutral cleaners that do not contain chlorine. It may be temporarily resistant to fuel, oil, solid fat, and crude oil. However, strong acids, abrasives, bleach, and other organic solvents should be avoided.
3. The mastic layer can be cut before curing. However, once cured, it can only be removed with cutting tools.

PACKAGING

310 ml/cartridge, 600 ml/sausage

STORAGE

When stored in original, unopened containers under the recommended conditions, the shelf life of this product is 12 months for both (cartridge) and (sausage). The shelf life of polyurethane sealant is affected by ambient temperature and humidity. The recommended storage temperature is 5-25°C, and humidity is 50% RH. It is strictly prohibited for the transport or storage temperature to exceed 30°C or for the humidity to exceed 80% RH. Container transport at high temperatures is also prohibited. In a long-term high-temperature and high-humidity storage environment, the product becomes easily viscous, extrusion deteriorates, and the shelf life is shortened.

ATTENTION

- 1.The mastic cures with moisture and should be used after opening.
2. Other application processes should be carried out within the layer formation time; otherwise, it affects adhesion performance.
3. The curing rate is influenced by temperature and humidity. If it cures too quickly, bubbles may form in the mastic layer, affecting its quality.

NOTE

Information and recommendations regarding the application and final use of ADROIT® products are provided in good faith based on ADROIT®'s current knowledge and experience, assuming that the products are properly stored, processed, and applied under normal conditions. This information cannot, under any circumstances, replace the necessary pre-tests that could independently guarantee that a product is suitable for a specific use due to practical differences in materials, substrates, and actual field conditions. Users are asked to ensure they have the latest version of this document, and ADROIT® is ready to provide any additional information.

LEGAL WARNING

The information provided here about ADROIT® products, and especially the recommendations regarding their application and end uses, is given in good faith based on ADROIT®'s current knowledge and experience, provided that these products are properly stored, processed, and applied under normal conditions and in accordance with ADROIT®'s recommendations. Products, application surfaces and application areas are quite varied in practice. Therefore, when using ADROIT® products, make sure that you are applying the right product under the right conditions and in the right place, and strictly follow the information and instructions provided by ADROIT® regarding commercial availability and/or suitability for a particular purpose.

Otherwise, ADROIT® is not responsible for any potential damage. The user of the product should test its suitability for the application and purpose for which they intend to use it. ADROIT® reserves the right to change the features of its products. The property rights of third parties must be respected. Acceptance of all orders is subject to our current sales and shipping conditions. Users should always consult the latest version of the local Product Information File of the relevant product available by contacting ADROIT®.

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