

PRODUCT DATA SHEET – UDK-310-BR/UDK-310-BB

Section 1. PRODUCT DESCRIPTION

RUBBER ROOF SEALANT – UDK-310-BR/UDK-310-BB

Rubber roof sealant UDK-310-BR/UDK-310-BB is a ready-to-use one-component rubber sealing and filling material. Long lasting weatherproofing performance makes it ideal for any type of roof repairs, sheet-metal fitting and sealing, and making elastic and watertight joints. Excellent adhesion to most porous, non-porous and bituminous building materials. Permanently elastic, even after curing. Resistant to mildew and UV radiation, and weather conditions. Can be used in rain.

Use:

- sealing roof works, valley flashings, eaves, chimney hoods, etc.
- sealing roof cracks, balcony and terrace cracks
- making gutter and downpipe lap joints
- repairing roofing felt
- repairing cracks while ensuring leak proof and elastic joints

Advantages:

- high elasticity
- resistant to UV radiation and weather conditions
- can be treated even after curing
- high resistance to mildew
- contains no silicone and is not prone to settling



Section 2. METHOD OF USE

1. Original products delivered by the manufacturer can be used only
2. Works with sealant should be carried out with temperature and humidity within values declared by the manufacturer
3. Store sealant can for 24h in room temperature or other specified in manufacturer's instructions
4. Before use make sure that the product is suitable by testing adhesion to a given substrate
5. Check that the product does not chemically react with the substrate
6. Surface on which sealant is applied should be cleaned, free from dust, grease or other contaminations.
7. Non-porous substrates can be moistened, while porous substrates should be dry. Contact surfaces cannot be greasy
8. Cut the threaded cartridge tip at 45 degrees and screw applicator nozzle, and then install the can with applicator in the gun and fill the nozzle with sealant by pressing gun trigger repeatedly
9. Apply sealant by pressing gun trigger repeatedly, and moving the nozzle smoothly along the gap
10. Smooth surface of the gap using rubber spatula and remove any excess sealant
11. During curing process make sure that no contamination sets on the surface and no mechanical loads are exerted
12. After drying, the sealant remains slightly viscous.
13. After application make sure to remove sealant which is not cured from tools and surfaces using foam and gun cleaner CZP-500
14. Any excess cured sealant should be removed mechanically
15. If filled joints remain immersed in water for a long time, they can become discoloured in yellow. However it has no impact on the quality of material

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Section 3. TECHNICAL DATA

TECHNICAL PARAMETERS		
Parameter	Unit	Value
Capacity	[ml]	310
Quantity per box	-	12
Temperature of application	[°C]	+5 to +40
Skin formation time	[min]	15 to 20
Curing time	[mm/24h]	1 to 2
Density	[g/cm ³]	0,95
Modulus at 100% elongation	[N/mm ²]	0,5
Movement in joint	[%]	± 25
Hardness	-	25 ± 5
Temperature resistance	[°C]	-25 to +80
Colour	-	brown / transparent*

*UDK-310-BR / UDK-310-BB

**The given values were obtained at +23°C and 50% RH

Section 4. STORAGE

Store sealant cans in a cool and dry place, at temperature min. +5°C to +30°C. Do not freeze and do not store at a temperature above +60°C, near sources of heat or in places exposed to direct sunlight. Guaranteed time of storage in a tightly closed package is 24 months from the date of manufacture.

Section 5. SAFETY PRECAUTIONS

Flammable. Protect against overheating and keep away from sources of ignition. Avoid direct sunlight. Do not smoke at work. The product may cause sensitisation when in contact with the skin, thus provide adequate ventilation during work, wear protective glasses and gloves. If in eyes, immediately rinse with plenty of water and seek medical advice. Keep out of the reach of children.

Cured sealant poses no risk to human health.

Detailed safety information can be found in MSDS.

Section 6. REMARKS

1. All previous versions of this Product Data Sheet shall cease to be valid
2. Data given in this Product Data Sheet is in accordance with current knowledge and published in good faith. KLIMAS Sp. z o.o. is not responsible for correctness and quality of the fixing if recommendations regarding method of use and installation are not followed.