

KÖSTER® KB-Pur 750

Aliphatic PUR based, one component top coat

Product Description:

Turkish product name > KÖSTER KB-Pur 750

KÖSTER KB-Pur 750 is a one part, aliphatic polyurethane perpolymer based, liquid applied coating. After application the material cures with air moisture to form a waterproof, seamless, elastic and walkable membrane.

The cured membrane has high adhesion strength to concrete, masonry, plaster, mortar and many similar building products.

KÖSTER KB-Pur 750 is resistant to water contact, weather conditions, sunlight, abrasion (foot traffic) and thermal variations (-30 to +80 °C service temperature).



Colors:

Standard colors : RAL 7032, RAL 7005, RAL 6034. Özel renkler : RAL 3020, RAL 1023. Other colors are produced on demand.

Applications:

As a UV-resistant topcoat on KÖSTER KB-Pur 560 polyurea waterproofing membrane.

As a UV-resistant topcoat on epoxy based coatings.

Technical Data:

Color	various colors
Viscosity	app. 500 mPa.s
Elongation at break (+20°C) DIN 52455	% 250
Application temperature	+5°C to +35°C
Density	1,02-1,05 g/cm ³
Hardening time (+23°C, % 50 moisture)	12 hour
Service temperature	-40°C to +80°C

Advantages:

- One component – no complicated mixing jobs on site required
- Economic to use
- Easy to apply
- Long life expectancy
- Highly elastic and crack bridging
- Excellent adhesion to many different building materials

Instructions:

Surface Preparation:

Surfaces must be clean, sound and dry. Dust, oil, grease, old coatings, laitance, efflorence, rust, curing compounds, waxes, form oil and similar contaminations should be cleaned or removed prior to application.

Preparation of Material :

Condition material to room temperature.

If needed premix before application (avoid air entrainment). Mixing should be done with low speed drill and mixing paddle.

Do not thin with water or solvent !

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Application Procedure:

The substrate and the uncured membrane must be at least +3°C above the dew point to reduce the risk of condensation.

Primer –

When applying on KÖSTER KB-Pur 560 polyurea waterproofing membranes no primer is needed.

When applying on concrete surfaces use KÖSTER KB-Pox 002 epoxy primer (consumption apr. 0,20-0,40 kg/m²).

Subsequent Layers - Apply at least 2 (unthinned) layers by brush, roller or airless spray. Wait apr. 24 hours (not longer than 48 hours) between coats (wait until tack free).

Do not apply more than 200gr/m² in a single coat (solvent encapsulation may result in bubble formation).

Consumption:

2 – 3 layers 0,2 – 0,30 kg/m²

Packaging:

KÖSTER KB-Pur 750 20 kg tin



Cleaning of Tools:

Clean material with a suitable with KÖSTER Thinner No.1 or Xylene while still wet. Cured material can only be removed mechanically.

Notes:

Do not apply below +5 °C or if temperatures below +5 °C are expected within 24 hours.

Do not apply on damp, wet or frozen surfaces
Do not apply on dusting or weak surfaces. If in doubt, perform adhesion test.

Cold temperatures lengthen and hot temperatures shorten pot life and curing time of coating.

High levels of humidity might prevent proper curing of coating.

Storage:

Store in dry conditions and at room temperatures, in unopened original containers.

Shelf Life:

6 months.

Health and Safety:

Contains isocyanates. Avoid inhaling the vapours and contact with skin. Wear suitable protective clothing, gloves and eye / face protection. Adequate ventilation of the working area is recommended. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. When using do not eat, drink, smoke and keep away from sources of ignition. For additional references to safety-hazard warnings, regulations regarding the transport and waste management please refer to the relevant Material Safety Data Sheet.

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KÖSTER YAPI KİMYASALLARI İNŞ. SAN. ve TİC. A.Ş. GEBKİM Kimya İhtisas OSB Atatürk Bulvarı No: 6 41455 DİLOVASI / KOCAELİ 16	
DOP NO: 011 EN 1504-2 KÖSTER KB-Pur 750 Aliphatic PUR based, one component top coat Coating application (C) 2.2	
Abrasion Resistance	< 3000 mg
Impact Resistance	Class II
Adhesion strength by pull-off test	Horizontal Without Traffic Load $\geq 0,8 \text{ N/mm}^2 (0,5)^b$
Response to Fire (EN 13501-1)	E
Dangerous Materials	Materials 5.4 appropriate

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