

KÖSTER® Wandflex

Elastic and crack-bridging facade paint

Product Description:

Turkish product name > KÖSTER Wandflex

Elastic, solvent free and pasty synthetic coating for dry and slightly damp surfaces.

The coating dries very fast and creates a foily, highly flexible, water vapour permeable but water tight coating. KÖSTER Wandflex is resistant against UV-rays, stres causedby frost / thawing salts, ageing, as well as many aggressive substances. Has a carbonisation braking effect on reinforced concrete and is hardly flammable.

Due to a special net forming, reating on day light system, it creates a non-sticky surface. Thus it creates an effective protection against dirt.



Applications:

For concrete, plaster, masonry (full joints), cementitious fibre boards, porous concrete or similar.

Technical Data:

Application temperature	+5°C to +30°C
Color	white

Absorption water [48 h]	takr. % 11,2
Water vapour permeability	19 g/d.m ²
Equivalent thickness of air layer [Sd]	app. 1m
Breaking load	2,0 (23 °C)
	0,7 (-20 °C)
	1,64 (60 °C)
Elongation at break [%]	490 % (23 °C)
	220 % (-20 °C)
	% 170 (60 °C)
Density	takr. 1,40 g/cm ³

Coverage:

Varies according to the application technique used.

Consumption is normally 0,400 kg/m² per coat. 1 or 2 coats may be necessary depending on application. The best way to accurately estimate coverage is to test a pre-measured area using the substrate type and application methods for the job in question.

Properties:

Drying Time - Will vary according to temperature, humidity, and porosity of surface coated. Under average conditions [20°C, 50% R.H.], KÖSTER Wandflex dries in 24 hours, and is fully cured in 7 days. Work should be protected from rain and water for at least 48 hours.

Instructions:

Job Conditions - Air and surface temperature for application of KÖSTER Wandflex must be 5°C or higher and must remain so for a minimum of 24 hours.



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Temporary Protection - Shall be provided at all times until the base coat, finish and permanent flashings, sealants, etc. are completed to protect the wall from weather and other damage.

Surface Preparation - Surfaces shall not be below 5°C and must be clean, dry, structurally sound and free of efflorescence, grease, oil, form release agents and curing compounds. Prime all surfaces with a diluted solution of KÖSTER Wandflex (2 parts water and 1 part Wandflex) and leave to dry completely. Primer consumption is apr. 150 – 200 g/m². Surfaces finished with KÖSTER Dekor Render need not to be primed.

Mixing – Premix material until homogenous with a slow rotating (400 rpm) power mixer equipped with mixing paddle.

Application – Roller or airless spray application is possible. Different rollers and application techniques/speed will result in different finishes. Desired finish must be determined on a sample surface before application starts on actual surface.

Application should be done on prepared surfaces starting from bottom and moving to top of the application surface. In the first layer the material (if desired) can be thinned up to 5 % with clean water. In the second layer unthinned material should be used.

Before applying the second layer the first layer should be allowed to dry.

Consumption:

KÖSTER Wandflex (1 – 2 layers) 0,4 – 0,8 kg / m²

Packaging:

KÖSTER Wandflex 25 kg pail



Cleaning of tools:

Clean tools with water while KÖSTER Wandflex is still wet.

Notes:

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

Do not apply on wet or frozen surfaces

Do not apply on dusting or weak surfaces. Dusting or weak surfaces should be impregnated before application. If in doubt, perform adhesion test.

Storage:

Dry and cool, in original containers.

Shelf Life:

12 months.

Caution:

Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye / face protection. 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. 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 İNŞAAT SAN. Ve TİC. A.Ş. Kocaeli Gebze V GEBKİM Kimya İhtisas OSB, Atatürk Bulvarı No: 6 Dilovası 41455 KOCAELİ 16	
2184– CPR – 0197 DOP NO: 013 EN 1504-2:2004 KÖSTER – Wandflex Elastik dış cephe kaplaması Kaplama uygulaması (C) 2.2	
Su buharı geçirgenliği (EN ISO 7783-1, EN ISO 7783-2)	Sınıf I
Kapiler su emme ve su geçirgenliği (EN 1062-3)	$w < 0,1 \text{ kg/m}^2 \cdot \text{h}^{0,5}$
Çekip koparma deneyi yoluyla yapışma dayanımı (EN 1542)	Trafik yükü olmadan Çatlak kapatma veya esnek sistemler $\geq 0,8 \text{ N/mm}^2 (0,5)^b$
Reaction To Fire (EN 13501-1) <i>Yangına Karşı Tepki</i>	C
Dangerous Substances <i>Tehlikeli Maddeler</i>	In accordance with article 5.3 Madde 5.3'e uygun

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