

## KÖSTER® Sanierputz WTA Restoration Plaster

Porous, water repellent and thermal insulating internal and external plaster according to DIN 18550 with increased water vapour permeability

- Official Test Certificate ,MPA Bau, Hannover, DIN EN 998 -1
- Official Test Certificate, AMPA für Steine und Erden, Clausthal-Zellerfeld

### **Product Description:**

Turkish product name > KÖSTER Sanierputz WTA

KÖSTER Sanierputz WTA (Restoration Plaster) complies with all requirements acc. to DIN 18550 and with all requirements of the WTA-guidelines 2-2-91 about restoration plasters. In our factory prefabricated porous hydrophobe plaster with good application properties. Due to its hydrophobe properties, the plaster does not absorb liquid water. The high porosity, caused by micropores, and the connected high diffusion figures (breathing activity) of the damp as vapour make a fast drying of damp walls possible. The porosity causes furthermore an increased thermal insulation. The low raw specific gravity prevents, even during high air moisture, mould does not find breeding ground, it prevents mouldy spots. The production in our plant guarantees always stable quality.



### **Technical Data:**

#### **For fresh mortar**

Density	app. 1,30 g / cm <sup>3</sup>
Mikroboşluk oranı	% 34 (by volume)
Micro void ratio	% 97,6

#### **For cured plaster**

Flexural strength (7 days) TS EN 196-1	2,75 N / mm <sup>2</sup>
Compressive strength (7 days) TS EN 196-1	9,60 N / mm <sup>2</sup>
Capillary water absorption rate W 24	0,34 kg / m <sup>2</sup>
Water penetration depth	2mm
Porosite	% 41,1 (by volume)
Fire class	A II, It is not flammable (DIN 4102)
Pot life (+23 °C / 1lt mixing)	app. 45 min

### **Advantages:**

- Fast and uncomplicated mixing, remains on the wall even after application of several centimeters of the material
- Applicable by hand or machine, to be applied in one or two layers
- Easy to applicate
- Consistent with KÖSTER Salt Stop salt treatment systems
- May receive a plain or structured surface

### **Mode of Action:**

The porous hydrophobe restoration plaster forces back the liquid water into the construction material of the wall due to its increased surface tension, but vapour circulates very well due to the high content of air pores connected with the dry plaster



## **Packaging:**

KÖSTER Sanierputz \_\_\_\_\_ 25 kg bag



## **Cleaning of Tools:**

Clean tools with water while KÖSTER Sanierputz WTA 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. If in doubt, perform adhesion test. Cold temperatures lengthen and hot temperatures shorten pot life and curing time of mixed material.

**Storage:** Dry and cool, in original containers. Shelf life is 12 months.

**Caution:** Contains cement. 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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<b>KÖSTER YAPI KİMYASALLARI İNŞ. SAN. ve TİC. A.Ş.</b> <b>GEBKİM Kimya İhtisas OSB Atatürk Bulvarı</b> <b>No: 6 41455 DİLOVAŞI / KOCAELİ</b> <b>16</b>	
<b>1020 - CPR - 040 051989 / DOP NO: 025</b> EN 1504-2 <b>KÖSTER Sanierputz WTA</b> Porous, water repellent and thermal insulating internal and external plaster according to DIN 18550 with increased water vapour permeability Coating application (C) 2.2/8.2	
Permeability to water vapour	Class II
Capillary absorption and permeability to water	$W < 0,1 \text{ kg/m}^2 \cdot \text{h}^{0,5}$
Pull-Off	Crack closure or flexible systems without traffic load $\geq 0,8 \text{ N/mm}^2$ (0,5) <sup>3</sup>
Response to Fire	A1
Dangerous Materials	Materials 5.3 appropriate

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