

# HS-530

## HAND USE PLASTER



### DESCRIPTION

- Cement-based, polymer and fibre added, easy-to-apply plaster that gives a smooth surface for the final coating.

### INTENDED USES

- Interior and exterior surfaces,
- Before painting reinforced concrete surfaces,
- Used for plastering walls and ceiling surfaces.

### PROPERTIES

- Provides ease of use for manual applications.
- Has high compressive and adhesion strength.
- Abrasion resistance is high with the thick aggregate in its structure.
- Provides application up to 7 mm.
- Strengthens the structure by preventing capillary cracks with the fibre additive in the formula.

### SURFACE TREATMENT

- The surface must be clean, dry, smooth and solid.
- The surface must be cleaned from oil, dirt and paint residues that will prevent adhesion.
- Before the application, the cracks and holes must be repaired.
- Cracks and defects deeper than 3 mm should be repaired at least 24 hours before with **TH-500 Repair Mortar**.
- The surface must be dampened before the application and saturated with water in very hot and windy weathers.

### TECHNICAL DATA

Appearance	: Grey powder
Application temperature	: (+5°C) - (+30°C)
Temperature resistance	: (-30°C) - (+60°C)
Application thickness	: 3-7 mm
Cavity unit volume mass	: 1600±100 kg/m <sup>3</sup>
Grain size	: ≤3 mm
Compressive strength	: CS IV, ≥6 N/mm <sup>2</sup>
Bond strength	: ≥0,5 N/mm <sup>2</sup>
Capillary water absorption	: W0
Average thermal conductivity	: (λ10,dry) < 0.60 W/m.K P=50%
Fire reaction class	: A1

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- **MYFIX YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ** is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

### APPLICATION

- Slowly pour 25 kg of **HS-530** powder into 4.0-4.5 L of water and mix it in the plaster mixing machine.
- The prepared mortar is applied to the surface with the help of a steel trowel.
- Application thickness should be between 3 mm and 7 mm in one layer.

### CONSUMPTION

- 1.25 kg/m<sup>2</sup> (for 1 mm thickness)

### SHELF LIFE

- Shelf life of an unopened package stored in a dry, cool place is 12 months from the date of manufacture.

Yıldız Yapı Kimyasalları San. ve Tic. Ltd. Şti.

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# HS-530 HAND USE PLASTER




## WARNINGS AND RECOMMENDATIONS

- It should not be left as a top coat coating. It should be covered with suitable coating.
- The application should be made in one layer.
- When it hardens sufficiently, the plaster surface is tripped and finished with a damp sponge.
- The specified times are valid for 20 °C surface and ambient temperature, the time is longer at low temperatures and shorter at high temperatures.
- Do not breathe the powder or contact with skin or eyes as it is cement-based.
- After application, hands and applications tools should be thoroughly washed with water.
- The indicated consumption amount is general information and may differ due to application conditions and surface features.
- Any additives not specified in the application instructions must not be added.
- Surfaces must be watered at regular intervals within 7 days after application, depending on the ambient conditions.

## QUALITY CERTIFICATES

- In Accordance with **TS EN 998-1** standards

 YILDIZ YAPI KİMYASALLARI SAN. ve TİC. LTD. ŞTİ. İstanbul Mermerciler Küçük San. Sit. 18. Cad. No: 22 Köşeler Köyü - Dilovası / KOCAELİ <b>18</b> <b>DoP number: 01.PB 998-1.004</b>	
<b>TS EN 998-1:2017</b> <b>HS-530 HAND USE PLASTER</b> Masonry mortar - Properties - Part 1: Rough and fine plaster mortar Designed rough / fine plaster mortar General purpose rough / fine plaster mortar (G)	
Dry bulk density	: 1400±300 kg/m <sup>3</sup>
Compressive strength	: CS IV, ≥6 N/mm <sup>2</sup>
Bond strength	: ≥0.5 N/mm <sup>2</sup>
Capillary water absorption	: W0
Average thermal conductivity	: (λ10,dry) < 0.60 W/m.K P=50%
Water vapour permeability coefficient	: ≤25μ
Fire reaction class	: A1

## PACKAGING

- 25 kg Kraft bag (Pallet 64 bag, 1600 kg)

## COMPLEMENTARY PRODUCT(s)

- TH-500 Repair mortar

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