

# KÖSTER® NB Super Elastic WHITE

Cement based, highly elastic and UV stable waterproofing slurry

## **Product Description:**

Turkish product name > KÖSTER NB Super Elastik BEYAZ

KÖSTER NB Super Elastic WHITE sealing slurry is a mineral coating with excellent elastic properties. The finished layer is UV resistant and in white color.



## **Applications:**

KÖSTER NB Super Elastic WHITE sealing slurry seals horizontal and vertical surfaces made of concrete, masonry or cementitious plaster (only positive side) in balconies, terraces, damp rooms, bathrooms, shower rooms, new basements, containers, swimming pools, silos, shafts, etc.

## **Technical Data:**

Mixing density	1,53 g / cm <sup>3</sup>
Powder component density TS 6433	1,18 g / cm <sup>3</sup>
Liquid component density	1,01 g / cm <sup>3</sup>
Mixing ration	0,50 lt liquid / kg powder
Adhesion to concrete	1,5 N / mm <sup>2</sup>
Application temperature	+5°C to +30°C

## **Instructions:**

**Job Conditions** - Air and surface temperature for application must be +5°C to +30°C and must remain so for a minimum of 24 hours.

**Temporary Protection** - Shall be provided at all times until the material is fully cured.

**Surface Preparation** - The surface has to be sound and solid, free of laitance, paint, dust, form oil and other contaminants that might affect the bonding adversely. Suitable tools are wire brushes, high-pressure water jets, sand and shot blasting. Cracks and surface honeycombs should be chiselled open



so that application of an even uniform coat can be achieved. Smaller honeycombs, cracks and depressions should be filled with KÖSTER Repamor THIN and be allowed to dry for 24 hours before commencing. Cracks, honeycombs and depressions larger than 5 mm should be filled with KÖSTER Repamor and be left for curing for at least 24 hours.

Surfaces must be damped before application but water ponding should be prevented.

**Primer** – Dusting, weak or salt efflorence containing surfaces should be primed with KÖSTER Polysil TG 500.

**Mixing** – One bag (20 kg) of KÖSTER NB Super Elastic WHITE should be mixed with 10 kg KÖSTER NB Super Elastic WHITE liquid component.

The powder should always be added to the liquid slowly and during continuous mixing action with power mixer equipped with mixing paddle.

**Subsequent layers** – Apply the sealing slurry with a firm brush or a suitable spraying device. Allow every coat to dry completely before applying the next one.

Do not apply layers thicker than 1,0 mm in a single coat.

### **Consumption:**

Against ground moisture min. 2,0 kg/m<sup>2</sup> in 2 layers

Against non-pressurized water min. 3,0 kg/m<sup>2</sup> in 2 layers

Against pressurized water min. 4,0 kg/m<sup>2</sup> in 3 layers

### **Packaging:**

Powder Component 20 kg bag

Liquid Component 10 kg container



### **Cleaning of Tools:**

Clean tools with water while material 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.

### **Storage:**

Containers must be stored at +5°C to +30°C in tightly sealed containers. Keep out of direct sunlight, protect from water and freezing.

### **Shelf Life:**

12 months.

### **Caution:**

Powder component 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.

 1020	
<b>KÖSTER YAPI KİMYASALLARI İNŞ. SAN. ve TIC. A.Ş.</b> <b>GEBKİM Kimya İhtisas OSB Atatürk Bulvarı</b> <b>No: 6 41455 DİLOVASI / KOCAELİ</b> 16	
<b>1020 - CPR - 040 051989 / DOP NO: 006</b> EN 1504-2 <b>NB Süper Elastik BEYAZ</b> Cement based, highly elastic and UV stable waterproofing slurry Coating application (C) 2.2	
Permeability to water vapour	Class II
Capillary absorption and permeability to water	W < 0,1 kg/m <sup>2</sup> .h 0,5
Pull-off	Crack closure or flexible systems without traffic load ≥ 0,8 N/mm <sup>2</sup> (0,5F)
Response to Fire	C-s1,d0
Dangerous Materials	Materials 5.3 appropriate



T 704 / 0201.ENG

---

**Legal Notes :** This guide has been issued to provide details regarding the use and application of our products, which can be used in very wide and various areas and to demonstrate the general technical details. This information reflects the knowledge and expertise of our company and is of recommendation nature. Especially, the details regarding implementation and final use are provided with good will to cover the storage, handling and application of our products under normal and recommended conditions. Products, application surfaces, areas and application conditions vary in practice. Therefore, it is of utmost importance to make sure you are applying the right product, at the right conditions and places. Since KÖSTER cannot check how its products are used, it does not accept any responsibility regarding the results of the application and does not provide any guarantees. Information provided here or written/verbal information provided by KÖSTER employees should solely be considered as recommendation. KÖSTER employees to visit the application area do not create any supervisor responsibilities on our part. The product users (user) should test the suitability of the product they are planning to use for the respective application and purpose. KÖSTER has the right to modify its products without announcement. Acceptance of all orders is based on our current sale and transportation terms and conditions. Users should always consider the final version of the local Technical Sheet of the respective product, which can be obtained by applying to KÖSTER. Product users should act cautious and observe and protect their own interests and property rights. They are even obliged to act in this manner. This guide only covers KÖSTER products and is not valid for products of other companies. Only the written announcements of our company are valid regarding matters that require technical support provided by us. This technical document is valid until a new version is printed and supersedes all previous versions.

---

Revision Date: 26-12-2017