

# RENOFIX 20

BASIC CEMENT WATER RESISTANT MORTAR FOR MOISTURIZED WALLS

**Please follow the technical instructions!**

## AREA OF APPLICATION:

Basic mortar for plastering of interior and exterior walls (facades) as mortar for socle for floors with higher presence of moist and for plastering in cold and moist premises. Used for all normal bases such as rough concrete and as mortar for manhole plastering and mortar for basement walls. .

## COMPOSITION:

- Cement
- Carbonated sand with granulation of 0-1,2 mm
- processing improvement additives

## FEATURES:

- Water resistant (does not leak)
- Excellent quality of processing
- Constant moisture resistance

## BASE PREPARATION:

The base must be smoothed, dried, and cleaned of dust, waste and oils (sheath oils). The base is tested in line with the EN norms. The processing instructions are appropriate for walls made in line with the relevant norms and presuppose walls with closed joints and cracks. In case of any open joints and cracks in the wall, these need to be first closed (reinforced) with Renofix 5 construction glue and a reinforcement net. Highly permeable bases need to be previously moisturized.

## MORTAR PREPARATION:

Pour one bag of RENOFIX 20 into 8-8.5 litres of clean water and mix it with a mixer for about 2 minutes. If prepared mechanically, this is done with the Skure-Tech S4 machine.

## PROCESSING AND PROCESSING CONDITIONS:

When applied manually, the material is applied and smoothed with a trowel. In case of mechanical application, it is sprayed with a Skure-Tech S4 and levelled with an aluminium leveller. The minimum thickness for walls is 10mm; for thicker layers, however, apply several layers. In such a case, the previously applied layer should be well dried for 1-2 hours. Smooth concrete bases must be coated with construction glue Renofix 5 as binding mortar (concrete contact) and then a layer from RENOFIX 20 is applied (wet on wet). The material is to be applied within 2 hours. During the binding process, good drying and hardening conditions need to be ensured. **It must not be used at temperatures lower than +5°C.** It is not to be mixed with other materials.



## WARNING:

Contains cement. Irritates the skin and eyes. In case of skin contact, rinse with clean water.

## DELIVERY:

Delivered in 40 kg. paper bags protected against moisture.



## STORAGE:

To be stored in dry space, on top of wooden pallets. Storage time – 6 months.

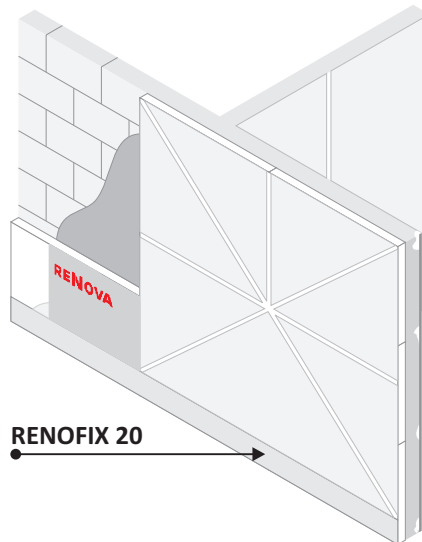
# RENOFIX 20

<b>Technical data</b>	
<b>Product no.:</b>	5319990620118
<b>Product code:</b>	1020
<b>Bags on a pallet:</b>	30
<b>Granulation:</b>	1,2 mm
<b>Amount of water required:</b>	8-9 l./bag
<b>Minimum layer thickness:</b>	10 mm
<b>Consumption:</b>	15 kg/m <sup>2</sup> for thickness of 10mm
<b>Note:</b>	Consumption figures are approximate and depend to a large extent on the base and installation method
<b>Material density, if dry (EN 1015-10):</b>	ca 1500 kg/m <sup>3</sup>
<b>Heat conductivity (EN 1745:2002)</b>	ca 0,54 W/mK
<b>pH-value:</b>	ca 12
<b>Hardness under pressure for 28 days (EN 1015-11):</b>	ca 6.0 N/mm <sup>2</sup>
<b>Hardness under bending for 28 days (EN 1015-11):</b>	ca 2.8 N/mm <sup>2</sup>
<b>Reaction to fire:</b>	A 1
<b>MG (EN 998-1):</b>	GP CSIII W0 2

## General instructions:



All data about the material cease to be valid following the issuance of the above list. These are the data resulting from our current analyses. No legal obligation may arise from these data. The RENOVA products, as well as all raw materials contained in them are subject to constant, continuous tests to ensure constant and same level quality. Our technical advisers are at your disposal for any inquiries regarding the application, processing, and presentation of our products. You may find our current data at [www.renova.com.mk](http://www.renova.com.mk), as a . document or ask for them in the retail shops.



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