

# MC-Proof 601 HT Flex

1-component easy flow & flexible mineral waterproofing



## PRODUCT PROPERTIES

- One component, flexible and crack-bridging, highly UV-resistant
- Can be used for warm surfaces up to +70 °C
- Waterproof up to 1 bar
- Tested according to EN 1504-2
- Alkali-resistant, frost-resistant
- High elasticity
- Open to water vapour diffusion
- Excellent workability

## AREAS OF APPLICATION

- Waterproofing of concrete substrates with high surface temperatures of up to + 70 °C
- Waterproofing of concrete (e.g. precast elements, lightweight or aerated concrete)
- Waterproofing of prefabricated concrete garage roofs
- Waterproofing of brickwork, as well as CS II, CS III and CS IV renders

## APPLICATION ADVICE

**Substrate Preparation:** Loose particles, old coatings, slurries, dust, dirt, bitumen and the like must be removed completely. The substrate must be frost-free, load-bearing and free of bonding-reducing substances. Ridges and sharp-edged unevenness must be removed. Slight unevenness ≤5mm must be closed by scratch coat with Nafuquick HT. Rougher unevenness >5mm and <10mm, must be levelled also, Nafuquick HT.

**Mixing:** 20 kg MC-Proof 601 HT are poured into 4.8 - 5.2 l of water and stirred with a slow-moving agitator until a lump-free, workable consistency has been achieved. The mixing must take at least 2 minutes.

**Application:** The first layer of MC-Proof 601 HT should be ample and surface covering, brushed on with a wide brush or a roll. Corners and chamfers must be covered especially thoroughly. The second and any further layers can be applied with a brush, a trowel or a roller as soon as the first layer is load bearing and cured enough that it will not be damaged by the application of the second layer.

**After-Treatment:** MC-Proof 601 HT must be protected from dehydrating too rapidly (wind etc.) while curing.

Initially set MC-Proof 601 HT cannot be made workable again by adding water or fresh mortar. Avoid working under direct sunlight. Please observe the "Guideline for the Planning and Execution of waterproofing with mineral sealing slurries."

## TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Water addition	l	4.8 - 5.2	per 20 kg
Working time	hours	approx. 3.5	
Application conditions	°C	≥ 5 ≤ 70	air, substrate and material temperatures
Consumption	kg/m <sup>2</sup>		depending on substrate
		2.7	2.7 wet / 2.0 dry
		3.4	3.4 wet / 2.5 dry
Waiting times (between layers)	hours	approx. 4	
Thermal resistance	°C	≥ -20	
		≤ 70	

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

Colour	grey
Equipment cleaning agent	All tools and equipment can be cleaned during the application period using water. Material that has already reacted or cured can only be removed by mechanical means.
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs.
Delivery form	20 kg bag, 1 pallet (35 bags @ 20 kg)
Packaging disposal	Make sure single-use containers are completely empty.

### Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : ZP1

**Note:** The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2400024628]