

# Nafuflex S 3

(formerly Aquamuls S 3)

Protective and waterproofing coat for mineral substrates



## PRODUCT PROPERTIES

- Solvent-free
- Resistant against diluted acids and bases
- Compatible with cement and lime

## AREAS OF APPLICATION

- Protective and sealing coat for concrete, render, masonry or lightweight building material
- Manufacture of bituminous mortar, e.g. waterproofing joint- and masonry-mortar

## APPLICATION ADVICE

**Substrate preparation:** The substrate must be clean, firm, frost-protected and free from compound reducing materials (e.g. dust, oil, etc.). Loose particles must be removed (e.g. loam or sand). The brick-work must be concise to joints. Concrete surfaces are to be deburred if necessary.

**Precoat:** If used on dry, high absorbing substrates we recommend a precoat of 1 part Nafuflex S 3 and 10 parts water.

**Application:** Before application Nafuflex S 3 has to be stirred. The top coat is rolled up or painted using undiluted material. Nafuflex S 3 can also be sprayed.

**Cement- and lime-mortar:** Nafuflex S 3 can be easily mixed in cement- and lime-mortar without flocculation by adding 5-20 % Nafuflex S 3 into the mixing water. The mortar becomes ductile and can be applied.

**Curing:** Nafuflex S 3 has to be protected against water load and frost effect until cured completely.

**Notes:** Tools must be cleaned with water immediately after use. If the material has dried already, methylated spirits have to be used.

## TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm <sup>3</sup>	1	
Application conditions	°C	≥ 5	air and substrate temperatures
Consumption (flat) as a roller coating	g/m <sup>2</sup>	approx. 250	depending on condition of substrate
Drying time (dust-dry) <sup>1)</sup>	hours	< 5	at 20°C and 65% rel. humidity
Softening point of the solid	°C	> 45	
Low-temperature resistance	°C	4	no cracking on bending
Heat resistance	°C	70	Not expired

1) depending on temperature, humidity, substrate and wet layer thickness, drying time may be longer or shorter

delivery form	25 kg hobbock 1 pallet (12 hobbocks 25 kg)
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs.
packaging disposal	Make sure single-use containers are completely empty. Ensure compliance with our information leaflet "Return of Emptied Transportation and Sale Packaging". We will be glad to send you this on request.

### Safety instructions

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

**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. [2100004665]