

MasterSeal M 811

High performance waterproofing 1 / 1 ratio polyurethane sprayed membrane part of the MasterSeal Roof 2111 system.

DEFINITION

MasterSeal M 811 is a high performance fast setting polyurethane waterproofing elastomeric membrane 1 / 1 ratio part of MasterSeal Roof 2111 system.



MAIN FIELDS OF APPLICATION

Applied by double mixer pump, MasterSeal M 811 is part of MasterSeal Roof 2111 system.



FEATURES

MasterSeal M 811 is featured by;

- high reactivity (hard after few seconds);
- 100 % solid;
- high crack bridging ability;
- high bond strength to different substrates;
- high impact resistance.

CONSUMPTION

2 – 2,5 kg/m².

PACK

A: 210 kg drum;
B: 220 kg drum.

STORAGE

The material must be stored in dry, sheltered spot at temperature between 15° and 35°C.

PERFORMANCES

Test methods	Performance
Elongation at break, DIN 53504	>400%
Tensile strength, DIN 53504	>15 MPa
Harness Shore A	85 -88

TEMPERATURE

Temperature in the application phase must be between +5°C and +40°C.

Data for the application

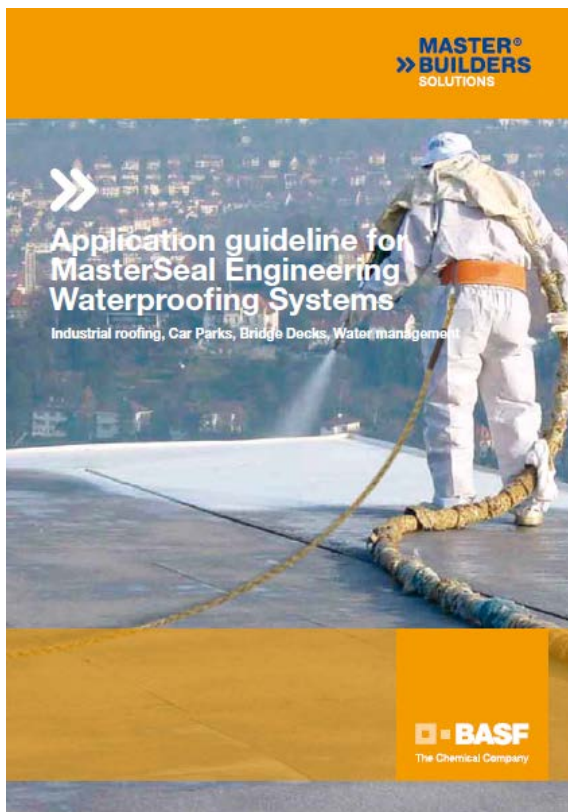
Mix ratio	Weight 100 A: 106 B Volume 100 A: 100 B
Density	A: 1,06 kg/litre B: 1,08 kg/litre A+B: 1,07 kg/litre
Viscosity 20°C	A: 1700 mPa.s B: 1800 mPa.s
Pressure pump	130 - 180 bar
Temperature for application	70 - 75°C
Gel time 20°C	14 s
Complete hardening 23°C	2 days
Recoating time	10°C: / - 8 hours 20°C: / - 4 hours 30°C: / - 2 hours


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APPLICATION PROCEDURE

For every detail related to application, preparation of the substrate, temperature, etc., always refer to the specific document "Application Guideline for waterproofing systems".



	
None	
BASF Construction Chemicals Europe AG Industriestrasse 26, CH-8207 Schaffhausen	
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481101	
EN 13813: 2002	
Synthetic resin screed for use internally in buildings EN 13813: SR-B1,5-AR1-IR4	
Essential characteristics	Performance
Fire behavior	Efl
Release of corrosive substances	SR
Water permeability	NPD
Wear resistance	< AR 1
Bond strength	> B 1,5
Impact resistance	> IR 4
Impact sound insulation	NPD
Sound absorption	NPD
Heat insulation	NPD
Chemical resistance	NPD
Slip/Skid resistance	NPD
Emissions behavior	NPD

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For further information, please consult your local BASF Construction Chemicals Italia Spa representative.

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