

Sopralene MF 5500, Roof covering

Holder/Issued to

Soprema NV

Bouwelven 5, BE-2280 Grobbendonk, Belgium
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Information supplied by

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Product description

Sopralene MF 5500, a single layer roof covering with a composition of polymer modified bitumen (SBS) on a reinforcement of composite polyester. Top side coated with slate granulates and the underside coated with plastic foil. Nominal thickness 4.5 mm.

Intended use

The membrane is designed for roof covering of new constructions and for renewal of old felt coverings. It's applied by mechanical fastening and welding of joints or by means of strip alt. full welding/bonding when applicable.

Approval

The product has been found to meet the requirements in the following sections of Boverket Building Regulations (BBR) issued by the National Board of Housing, Building and Planning:

Safety in use,- Roof safety	8:241 (third paragraph)
Fire protection -	
Roof covering class B _{ROOF} (t2)	5:62
Moisture, General	6:51
Moisture safety, Roofs and attic spaces	6:5325 (general recommend.)

The product has been assessed according to requirements in certification rule 001 "Roof covering" and according to this rule the product fulfill waterproofing class **TKY-A-0234**. The product is approved for application on the following substrates:

- Non-combustible substrates with a density $\geq 110\text{kg/m}^3$ and with compressibility $> 60\text{ kPa}$ (EN 826)
- Combustible substrates with a density $\geq 510\text{kg/m}^3$ and with compressibility $> 60\text{ kPa}$ (EN 826)
- Wooden underlay with density $\geq 480\text{ kg/m}^3$
- Lightweight concrete, concrete or foam glass.
- Old roof covering on mineral wool, wooden underlay, lightweight concrete, concrete or foam glass

Certificate no. 0751/94| 2018-11-28

RISE Research Institutes of Sweden AB | Certification
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8P06249



Associated documents

"Taktäckningssystem med Sopralene MF 5500", version 14.02, with the following contents:

- A. "Materialspecifikation"
- B. "Bygg- och projekteringsanvisningar"
- C. "Detaljritningar"

Control

The factory production control (FPC) is monitored by an independent inspection body.

Control agreement: 210-14-0266, Inspection body: RISE and SGS Intron.

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this approval and associated documents.

Manufacturing place


Production control includes the following places:

Soprema NV, BE- Grobbendonk, Belgium
Soprema Polska SP z.o.o, PL-Blonie, Poland.

Marking

The product is to be marked at the factory. The marking consists of a label and text on every packing supplied and includes:

Holder of certificate
Manufacturing place
Product type designation
Consecutive manufacture no./date of production
Certificate number
Classification number
Properties
Weight
P-mark
Certification body
Inspection body

Soprema NV
Grobbendonk, Belgien / Blonie, Poland
Sopralene MF 5500
no/date
0751/94
TKY-A-0234
Length, width
Weight/roll

RISE Certifying
SGS / RISE

Basis for judgement/approval

Reports 7C00416Rev1, 7P04948-5, 7P07592, 8P01625Partial, 8P01625-01, 8P01625-02-1 and 7F026184 from RISE Research Institutes of Sweden, report 20180129-180-4 from Constructech, report DK490459 from SGS and report 102000458-2 from SINTEF.

Comments

Work with this product shall be carried out by contractors with sufficient knowledge of this roofing system. In case of mechanical fastening, the fastening must be designed, and a fastening plan shall be established and documented. Wind load effects are to be determined according to Boverket mandatory provisions on application of the European construction standards (eurocodes), (EKS), Section C, Chapter 1.1.4.; issued by the National Board of Housing, Building and Planning. Corrosion aspects and the substrates condition must be taken in consideration.

This approval supersedes the previous approval with the same number dated 2018-03-28.

Validity

Valid through 2023-03-27.

Linda Ring Thorén

Camilla Isaksson

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence.