Technical University Berlin

TEST CERTIFICATE

SCHOOL VI
Planning
Building
Environment

Department of Civil Engineering

Chair Building Physics and Building Constructions

Univ.-Prof. Dr.-Ing.
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AZ 201005 Determination of driving rain resistance of breathable membranes

Distributor: **SIGA Cover AG**
Rütmattstr. 7
CH – 6017 Ruswil

Product designation: **"Majcoat 200 SOB"**

Customer: **SIGA Cover AG**

Samples: 1 roll of "Majcoat 200 SOB", packaged in new condition, specified by the manufacturer: 3 layered, PP fibre-fleece, functional layer, PP fibre-fleece, area weight 193 g/m²

Delivery: The sample material was handed over to TU Berlin by the customer.

Sample pretreatment: The membrane was tested in the condition as delivered on September 23rd, 2020.

Test basis: Driving rain test for breathable membranes – TU Berlin, version dated June 9, 2008, issued by TU Berlin, Chair Building Physics and Building Constructions.

Testing scope: The membrane was exposed to artificial rain in the area where mounted without support, on mineral wool as per DIN EN 13162 and on boarding (planks).

Test conditions: Exposure to artificial rain in three stages – total precipitation 138 mm.

Stage	Time [h]	Precipitation amount [mm]	Wind speed		
			[m/s]	[km/h]	Beaufort
1	1	50	16	57,6	7
2	1	60	20	72	8
3	0,5	55	20	72	8 in gusts

Test result:
mounted without support: **passed**
on mineral wool: **passed**
on boarding: **passed**

Remark: Exposure of the breathable membrane type **"Majcoat 200 SOB"** to artificial rain showed that the test criteria are fulfilled. The membrane is to be classified as "driving rain resistant".

Berlin, 7th of Oktober 2020

Univ.-Prof. Dr.-Ing. Frank U. Vogdt
Head of the Chair
Building Physics and Building Constructions