

TEST CERTIFICATE

AZ 090115-1 **Determination of driving rain resistance of breathable membranes**

SCHOOL VI

Planning
Building
Environment

Distributor: **SIGA Cover AG**, Rüt mattstr. 7, CH - 6017 Ruswil

Manufacturer: Siga Manufacturing AG

Department of Civil
Engineering

Product designation: Breathable membrane "**Siga-Majcoat**"

Customer: Siga Manufacturing AG

Chair Building Physics and
Building Constructions

Samples: 1 roll of "Siga-Majcoat", packaged in new condition
3 layered, monolithic functional layer protected by PP fibre
fleece on both sides.

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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 February 1, 2009.

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 and on boarding.

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 "**Siga-Majcoat**" to artificial
rain showed that the test criteria are fulfilled. The membrane is to be
classified as "**driving rain resistant**".

Berlin, May 8, 2009



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