

TEST CERTIFICATE

AZ 141006 **Determination of driving rain resistance
of breathable membranes**

SCHOOL VI

Planning
Building
Environment

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

Department of Civil
Engineering

Manufacturer: **SIGA Cover AG**

Chair Building Physics and
Building Constructions

Product designation: “**SIGA - Majvest**”

Customer: **SIGA Cover AG**

Univ.-Prof. Dr.-Ing.
Frank U. Vogdt

Samples: 1 roll of "SIGA - Majvest", packaged in new condition,
specified by the manufacturer: 3 layered, microporous
functional layer, reinforced on both sides with PP fibre-fleece,
area weight 136 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 August 11, 2014.

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 “**SIGA-Majvest**” to artificial rain showed
that the test criteria are fulfilled. The membrane is to be classified as "driving rain
resistant".

Berlin, 17 of September, 2014


Univ.-Prof. Dr.-Ing. Frank U. Vogdt

Head of the Chair

Building Physics and Building Constructions