Technical University Berlin

SCHOOL VI
Planning
Building
Environment

Department of Civil Engineering

Chair Building Physics and Building Constructions

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TEST CERTIFICATE

AZ 111111-2 Determination of driving rain resistance of breathable membranes

Distributor: Siga Cover AG, Rütmattstr. 7
CH - 6017 Ruswil

Manufacturer: Siga Manufacturing AG

Product designation: **“Siga-Majcoat/Siga Nail sealing tape II”**

Customer: Siga Manufacturing AG

Samples: 1 roll of "Siga-Majcoat/Siga Nail sealing tape II", packaged in new condition, counter battens (rough sawn) sealed with a layer of self-adhesive **"Siga nail sealing tape II"**, (50 mm x 4mm) arranged on rafters.

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

Samplepretreatment: The nail sealing tape was tested in the condition as delivered on 15-12-2012

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 nail sealing tape for counter battens of breathable membranes was exposed to artificial rain next to two areas without support, two mineral wool and two boarding areas.

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:
Counter batten with nail sealing tape - area without support: **passed**
Counter batten with nail sealing tape - mineral wool area: **passed**
Counter batten with nail sealing tape - boarding area: **passed**

Remark: Exposure of the nail sealing tape for counter battens consisting of the system components breathable membrane **"Siga-Majcoat"** and **"Siga Nail sealing tape II"** to artificial rain has shown that the test criteria are fulfilled. The system consisting of membrane, nail sealing tape and counter batten is to be classified as **"driving rain resistant"** and constitutes a suitable accessory for sealing makeshift coverage.

Berlin, March 15, 2012

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