



Test Report

No.: SL119002448098TX

Date: Jun 04, 2019

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EXPED AG
HARDSTRASSE 81
ZURICH,8004,SWITZERLAND

The following sample was submitted and identified by the client as:

One sample of exped SIM 2.5M

Brand	:	EXPED
End Use	:	Camping mat
Lot No.	:	9110
Season	:	2020
Children Sleepwear	:	No
Country Of Origin	:	Taiwan
Sample Receiving Date	:	May 10, 2019
Test Performing Period	:	May 11, 2019 – Jun 04, 2019
Test Performed	:	Selected test(s) as requested by applicant against specified requirement (details please refer to result page(s)).

* * * *

Test Results : Please refer to the next page(s).

Signed for and on behalf of
SGS Hong Kong Ltd.

Carmen Ng
Senior Technical Executive

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Test Results :

Thermal Resistance of Sleeping Pad (ASTM F3340-18)

Test conditions:

Ambient temperature: 20±0.5°C

Relative humidity: 35±5%

Hotplate temperature: 35±0.1°C

Cold plate temperature: 5±0.1°C

Inner pressure before compression: 3.5±0.2 kPa

External pressure: 2.0±0.1 kPa

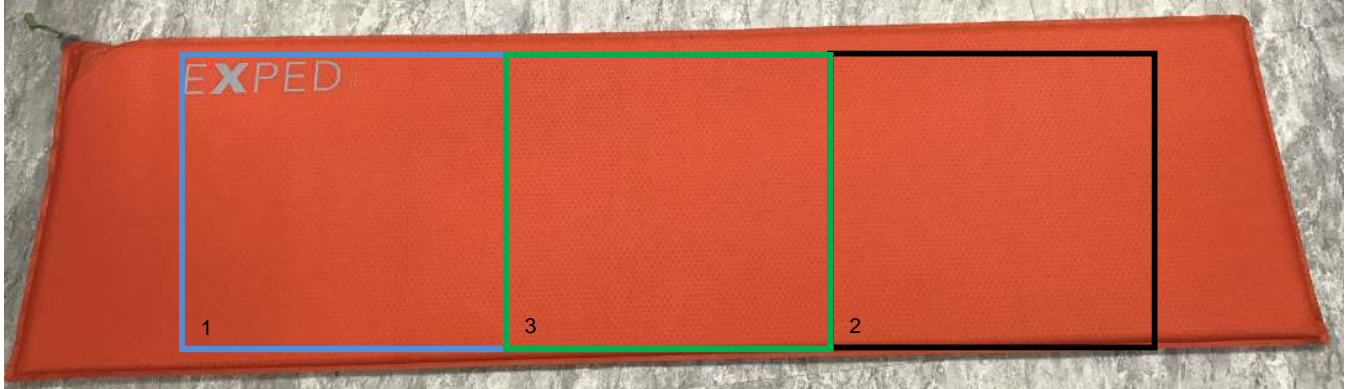
Result:

Sample (Exped SIM UL 2.5M)	Location measurement, R _{ct} (K m ² /W)			
	Location 1	Location 2	Location 3	Average
Sample A1	0.494	0.492	0.488	0.491
Sample A2	0.502	0.503	0.501	0.502
RSI value (K m ² /W)				RSI-0.497
R value (ft ² ·°F·h/Btu)				R-2.8

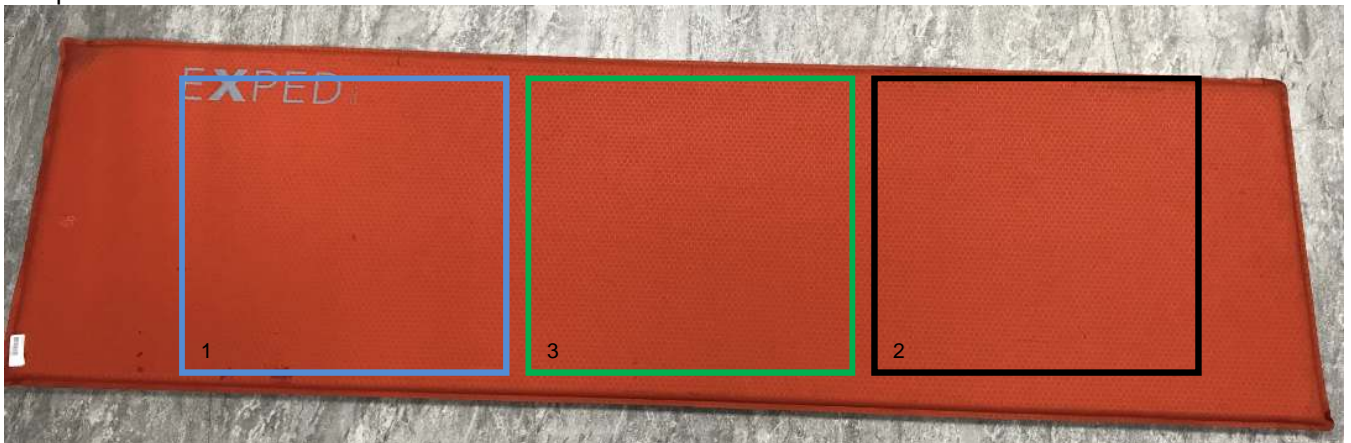
Remark:

1. The higher the RSI-value/R-value of the sleeping pad sample, the better the thermal insulation.
2. No. of specimen used per sample: 2

Photo:
Sample: A1



Sample: A2



*** End of Report ***

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