



Test Report

No.: SL119002448091TX

Date: Jun 06, 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 MegaMat Max 15LXW

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 06, 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: $20 \pm 0.5^{\circ}\text{C}$

Relative humidity: $35 \pm 5\%$

Hotplate temperature: $35 \pm 0.1^{\circ}\text{C}$

Cold plate temperature: $5 \pm 0.1^{\circ}\text{C}$

Inner pressure before compression: $3.5 \pm 0.2 \text{ kPa}$

External pressure: $2.0 \pm 0.1 \text{ kPa}$

Result:

| Sample (Exped MegaMat Max 15LXW) | Location measurement, R_{ct} ($\text{K m}^2/\text{W}$) | | | |
|----------------------------------------------------------------------------|------------------------------------------------------------|------------|------------|-----------|
| | Location 1 | Location 2 | Location 3 | Average |
| Sample A1 | 1.858 | 1.834 | 1.894 | 1.862 |
| Sample A2 | 1.871 | 1.850 | 1.884 | 1.868 |
| RSI value ($\text{K m}^2/\text{W}$) | | | | RSI-1.865 |
| R value ($\text{ft}^2 \cdot ^{\circ}\text{F} \cdot \text{h}/\text{Btu}$) | | | | R-10.6 |

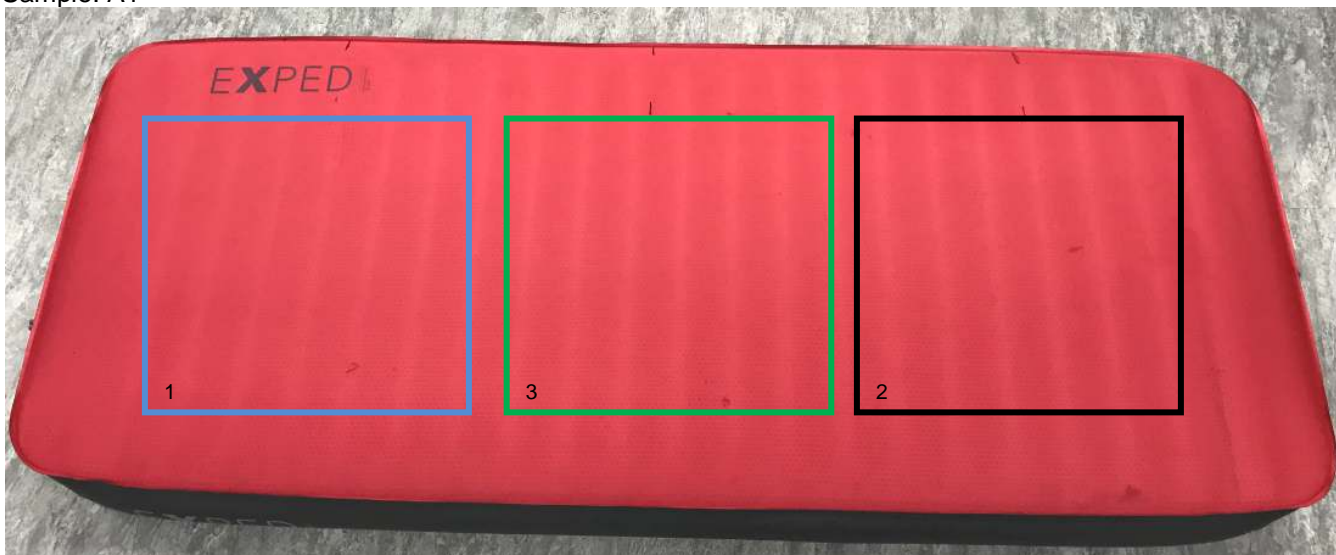
Remark:

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

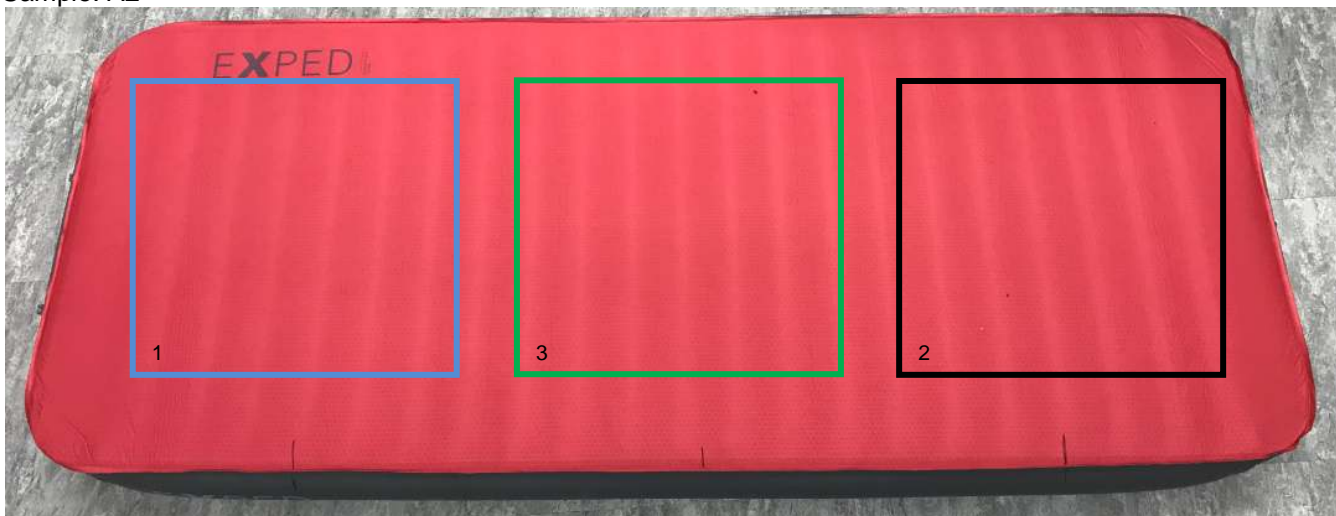
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Photo:
Sample: A1



Sample: A2



*** End of Report ***

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