



TEST REPORT

ref. No. 415601600-01

Client: RUSHIL DÉCOR LIMITED
VAT: 24AABCR3005N1ZK

Address: CORPORATE OFFICE RUSHIL DÉCOR LTD.
RUSHIL HOUSE, NEAR NEELKANTH GREEN BUNGLOW
OFF SINDHU BHAVAN ROAD, SHILAJ, AHMEDABAD-380058
GUJARAT, INDIA

Subject of the test: COMPACT LAMINATE for exterior applications

Sample received on: June 26, 2025

Tested: September 23, 2025

Report elaborated by: Ing. Radim Mikač

Place and date of issue: Zlín, September 24, 2025

Annex: -




Ing. Jiří Růžička

Head of Construction Testing Laboratory Zlín


Ing. Petra Hrdinová
Head of Testing Laboratory

Note: The results given in this Test Report apply only to the sample tested by our laboratory!
Without a written consent by Institut pro testování a certifikaci, a.s. Zlín, the Test Report may not be reproduced unless as a whole!

Subject of the test:

Table No. I – Description and identification of the test Subject

ITC's identification number	Identification of the test Subject/sample by client	Description
415601600/1	COMPACT LAMINATE for exterior applications	Pieces of laminates with dimensions (80 x 10 x 6) mm and (80 x 15 x 6) mm

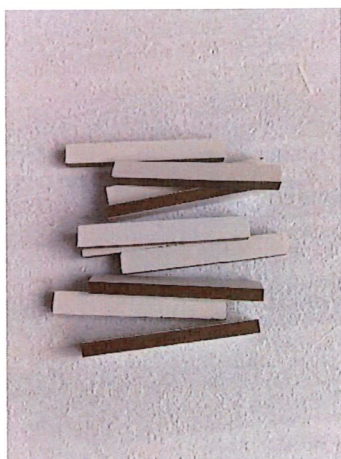


Fig. 1: COMPACT LAMINATE for exterior applications with dimensions (80 x 10 x 6) mm

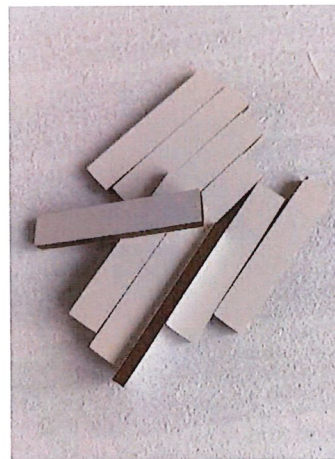


Fig. 2: COMPACT LAMINATE for exterior applications with dimensions (80 x 15 x 6) mm

Sampling method used:

The test sample was collected and supplied to the laboratory by the client. The laboratory is not responsible for this way of sampling. The results refer to the sample as received.

Work requested:

Determination of the resistance to climatic shock

Testing method used:

Determination of the resistance to climatic shock according to ČSN EN 438-2, test method no. 19

Test conditions:

4 test specimens with dimensions (80 x 10 x 6) mm and 4 test specimens with dimensions (80 x 1 x 6) mm in the transverse direction without exposure and 4 test specimens with dimensions (80 x 10 x 6) mm and 4 test specimens with dimensions (80 x 1 x 6) mm in the transverse direction with exposure with climatic shock, test specimens prepared by the customer, conditioning prior to testing for 24 hours at (23 ± 2) °C and (50 ± 5) % relative humidity, nominal span of supports 64 mm, method A, test speed 2 mm/min, the degree of accuracy of the testing machine 1%, tested on September 23

The laboratory is not responsible for information received from customer, which could have influence on the validity of the results. Further information required by the standard/standards and not given in this Test Report are available at a request at the Laboratory.

Testing laboratory:

The test was performed in the workplace no.2: Třída Tomáše Bati 5264, areal Svit, Building No. 113, 760 01 Zlín

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Test results:

The test results are given in the following table:

Table No. II – COMPACT LAMINATE for exterior applications with dimensions (80 x 10 x 6) mm

Characteristics measured	Unit	Separate values	Test results	Uncertainty ¹⁾
Flexural strength at failure in the transverse direction	MPa	154; 172; 146; 169	160	13
Flexural modulus in the transverse direction	MPa	12217; 11994; 12136; 12273	12069	286
Flexural strength at failure in the transverse direction after climatic shock	MPa	138; 127; 144; 139 Change of appearance: Degree 5: No visible change	137	8
Flexural modulus in the transverse direction after climatic shock	MPa	11120; 11010; 11194; 11723 Change of appearance: Degree 5: No visible change	11262	389
Change in flexural strength D_s	-	0.86	-	-
Change in flexural modulus D_m	-	0.93	-	-

1) expanded uncertainty for coverage factor $k = 2$, which for a normal distribution corresponds to a coverage probability of approximately 95 %

Table No. III – COMPACT LAMINATE for exterior applications with dimensions (80 x 15 x 6) mm

Characteristics measured	Unit	Separate values	Test results	Uncertainty ¹⁾
Flexural strength at failure in the transverse direction	MPa	149; 167; 153; 158	157	9
Flexural modulus in the transverse direction	MPa	11283; 11580; 11726; 11634	11556	301
Flexural strength at failure in the transverse direction after climatic shock	MPa	152; 137; 127; 148 Change of appearance: Degree 5: No visible change	141	12
Flexural modulus in the transverse direction after climatic shock	MPa	10087; 10365; 9343; 9673 Change of appearance: Degree 5: No visible change	9867	492
Change in flexural strength D_s	-	0.90	-	-
Change in flexural modulus D_m	-	0.85	-	-

1) expanded uncertainty for coverage factor $k = 2$, which for a normal distribution corresponds to a coverage probability of approximately 95%

..... End of the test report.....

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