

Appendix A

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Technical characteristics for Thermal insulation products “БЕЛТЕРМО” obtained in Initial Type Testing

Type	Nominal thickness range mm	Nominal density kg/m ³	Thermal conductivity ¹ W/(Mk)	Reaction to fire class ²	Compressive strength ¹ kPa	Tensile strength ¹ kPa	Short term water absorption ¹ kg/m ²	Water vapour transmission coefficient ¹
Top	20-60	200	0.042	E	CS (10\Y)150	TR 15	WS 1.0	MU 6.9
Ultra	20-160	180	0.042	E	CS (10\Y)150	TR 10	WS 1.0	MU 6.9
Floor	20-160	160	0.041	E	CS (10\Y)100	TR 7.5	NPD	NPD
Instal	20-160	150	0.040	E	CS (10\Y)100	TR 7.5	NPD	NPD
Multi	30-180	140	0.039	E	CS (10\Y)80	TR 5	WS 1.0	MU 3.7
Safe	30-180	140	0.039	E	CS (10\Y)80	TR 5	NPD	NPD
Room	30-200	130	0.038	E	CS (10\Y)60	TR 5	NPD	NPD
Kombi	40-240	110	0.038	E	CS (10\Y)60	TR 5	WS 2.0	MU 2.7
Flex	40-240	50	0.039	E	NPD	NPD	NPD	MU 2.9
Universal	20-160	190	0.042	E	CS (10\Y)100	TR 7.5	NPD	MU 6.0

¹ - NB1688 “VGTU Termoizoliacijos mokslo institutas”, Lithuania (test report No.1688-CPR-1418 / No.1688-CPR-1419 from 26.08.2014; No.1688-CPR-1434 from 17.11.2014; No.1688-CPR-1439 from 02.12.2014; No.1688-CPR-1525 from 03.06.2015); NB1688 “VGTU Statybos fakulteto Statybiniu medžiagu instituto termoizoliaciniu medžiagu ir akustikos laboratorija”, Lithuania (test report No.188-CPR-1906 / No.1688-CPR-1909 / No.1688-CPR-1912 from 24.01.2019; No.1688-CPR-1648 from 09.09.2019)

² - NB2040 "Forest and Wood Products Research and Development Institute", Latvia (test report No. K16/2014 and K17/2014 from 15.08.2014; No. K22/2014 from 30.10.2014, K24/2014 from 22.11.2014)