

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)