


DECLARATION OF PERFORMANCE

No. MW/018R/CE/2018_02

TECHNOFLOOR STANDARD. MW-EN 13162-T4- DS(70,-) - DS(23,90)-CS(10)25-PL(5)50 -WS-WL(P)- MU1-SD52-AFr33

1. Intended use: Thermal insulation boards for building
2. Manufacturer:
 Limited Liability Company "Heat-Insulating Plant "TECHNO"
 Having its seat in: LLC "Zavod TECHNO", Ryazan, Vostochnij Promuzel, building 21/58
 ORIGIN: Russian Federation
 Tel.: +7 (4912) 911-240
 Fax.: +7 (4912) 911-232
techno@zil.tn.ru
3. –
4. AVCP 1 (1+3)
5. Harmonised standard: EN 13162:2012+A1:2015
 Notified body No. 1023. Institut pro testování a certifikaci, a.s. třída Tomáše Bati 299, Louky, 763 02 Zlín Česká republika/Czech Republic tel/phone: +420 577601541
6. Declared performance/s:

| Essential characteristics | Performance | Harmonized technical specification |
|---|---------------------------------------|------------------------------------|
| Declared thermal conductivity at 10 °C, W/m*K | 0,037 | EN 13162:2012 + A1:2015 |
| Limit deviations Length, Width, mm | ±2/±1,5 % | |
| Limit deviations of thickness, mm | T4 | |
| Thickness, (with increments of 10 mm), mm | 40-200 | |
| Deviation from squareness, mm/m | < 5 | |
| Deviation from flatness, mm | < 6 | |
| Dimensional stability, %: -at specified temperature -under specified temperature (23°C) and humidity conditions (90%R.H.) | DS(70,-) <1 DS(23,90) <1 | |
| Reaction to fire, euroclass | A1 | |
| Water Absorption during Short/ Longterm Immersion kg/m2 | WS <1 WL(P)<3 | |
| Water vapour transmission, MU | MU1 | |
| Compressive stress at 10% deformation, kPa | ≥25 | |
| Point load, N | ≥50 | |
| Airflow resistivity r , kPas/m ² | 40 mm – 27,1 | |
| Airflow resistivity r , kPas/m ² | 100 mm – 23,1 | |
| Airflow resistivity r , kPas/m ² | 150 mm – 26,8 | |
| Airflow resistivity r , kPas/m ² | 200 mm – 32,1 | |
| Dynamic stiffness , MN/m ³ | 40 mm – 21,8 | |
| Dynamic stiffness , MN/m ³ | 100 mm – 14,2 | |
| Dynamic stiffness , MN/m ³ | 150 mm – 13,5 | |
| Dynamic stiffness , MN/m ³ | 200 mm – 7,3 | |
| Dangerous Substances: | Does not include dangerous substances | |

Declared Thermal resistance, EN 12667

| Thickness, mm | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 200 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| R. m ² *K/W | 1,05 | 1,35 | 1,65 | 1,90 | 2,20 | 2,45 | 2,70 | 3,00 | 3,25 | 3,50 | 3,80 | 4,05 | 4,35 | 4,60 | 4,85 | 5,15 | 5,40 |

8. Appropriate Technical Documentation and/or Specific Technical Documentation: -

Signed for and on behalf of the manufacturer by:

Executive Director

«Zavod TECHNO» Ltd...At Ryazan on 24.09.18.

Kushnerevich Y.M.

