


DECLARATION OF PERFORMANCE

No. MW/016R/CE/2021_05

1. **TECHNOFACADE OPTIMA. MW-EN 13162-T5- DS(70,-) DS(23,90)-CS(10)30- PL(5)200-TR15-WS-WL(P)-MU1**
RtF:A1
2. Intended use: Thermal insulation boards for building
3. 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
4. –
5. AVCP 1 and 3
6. 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
7. Declared performance/s:

| Essential characteristics | Performance | Harmonized technical specification |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------|
| Declared thermal conductivity at 10 °C, λ_D , W/m*K | 0,037 | EN 13162:2012 + A1:2015 |
| Limit deviations Length, Width, mm | $\pm 2/\pm 1,5$ % | |
| Thickness, (with increments of 10 mm), mm | 50-200 | |
| Limit deviations of thickness, mm | T5 | |
| Deviation from squareness, mm/m | < 5 | |
| Deviation from flatness, mm | < 6 | |
| Compressive stress at 10% deformation, kPa | CS(10)30 | |
| Tensile strength perpendicular to faces, kPa | TR15 | |
| Point Load, N | PL(5)200 | |
| 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/m ² | WS <1 WL(P)<3 | |
| Water vapour transmission, MU | MU1 | |
| Dangerous Substances: | Does not include dangerous substances | |

| Declared Thermal resistance, EN 12667 | | | | | | | | | | | | | | | | |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Thickness, mm | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 200 |
| R. m ² *K/W | 1,35 | 1,60 | 1,85 | 2,15 | 2,40 | 2,70 | 2,95 | 3,20 | 3,50 | 3,75 | 4,05 | 4,30 | 4,55 | 4,85 | 5,10 | 5,40 |

8. Appropriate Technical Documentation and/or Specific Technical Signed for and on behalf of the manufacturer by:
Production Director
«Zavod TECHNO» Ltd...At Ryazan on 18.05.2021.



Goryachev V.V.