

FAÇADE LAMELLA

1. Designation code of the product: MW-EN-13162-T4-DS(70,90)-TR80-CS(10/Y)50-WL(P)-MU1
2. Type and serial number allowing identification of the product: See product label for Façade Lamella
3. Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: Thermal insulation for buildings
4. Name, registered trade name or trade mark and contact address of the manufacturer as required under article 11(5): Rockwool Ltd, Pencoed, Bridgend, CF35 6NY
5. System of attestation of conformity: System 1+ and System 3
6. Notified Certification body No. 0086 performed, carried out the initial type testing, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the Certificate of Constancy of Performance 0086_CPR_461281.
7. Declared Performance: (NPD – no performance declared)

| Essential Characteristics | Clauses in this and other European standard(s) related to essential characteristics | Harmonized standard EN 13162:2012 | Declared value / NPD |
|---|---|---|-------------------------------|
| Reaction to fire | 4.2.8 Reaction to fire | Euroclasses | A1 |
| Release of dangerous substances to the indoor environment | 4.3.13 Release of dangerous substances | – | NPD |
| Acoustic absorption index | 4.3.11 Sound absorption | Declared α_p and α_w | NPD |
| Impact noise transmission index (for floors) | 4.3.9 Dynamic stiffness | Declared S | NPD |
| | 4.3.10.1 Thickness, d_L | Declared d_L and Class | NPD |
| | 4.3.10.3 Compressibility c | Declared CP Level | NPD |
| | 4.3.12 Air flow resistivity | Direct airborne sound insulation index, Declared AF_r | NPD |
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| Continuous glowing combustion | 4.3.14 Continuous glowing combustion | – | NPD |
| Thermal resistance | 4.2.1 Thermal resistance and thermal conductivity | Declared R and λ if possible | $\lambda(90/90) = 0.042$ W/mK |
| | 4.2.2 Length and width | Declared l and b | ± 5 mm and ± 2 mm |
| | 4.2.3 Thickness | Declared d or tolerance class | T4 |
| | 4.2.4 Squareness | Declared S_b | ± 2.5 per 500mm |
| | 4.2.5 Flatness | Declared S_{max} | ± 6 mm |
| Water permeability | 4.3.7.1 Short term water absorption | Declared W_p , $WI(t)$ or $WI(p)$ | NPD |
| | 4.3.7.2 Long term water absorption | Declared W_p , $WI(t)$ or $WI(p)$ | WL(P) |
| Water vapour permeability | 4.3.8 Water vapour transmission | Declared μ or Z | MU1 |
| Compressive strength | 4.3.3 Compressive stress or compressive strength | Declared CS | CS(10/Y)50 |
| | 4.3.5 Point load | Declared F_p | NPD |
| Durability of reaction to fire against heat, weathering, ageing/degradation | 4.2.9 Durability characteristics ^{a)} | ^{b)} | NPD |
| Durability of thermal resistance against heat, weathering, ageing/degradation | 4.2.1 Thermal resistance and thermal conductivity | Declared R and λ if possible ^{c)} | NPD |
| | 4.2.9 Durability characteristics | ^{d)} | NPD |
| Tensile/Flexural strength | 4.3.4 Tensile strength perpendicular to faces ^{e)} | Declared TR | TR80 |
| Durability of compressive strength against ageing/degradation | 4.3.6 Compressive creep | Declared Xct and Xt | NPD |

^{a)}No change in reaction to fire properties for mineral wool products.

^{b)}The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.

^{c)}Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

^{d)}For dimensional stability thickness only.

^{e)}This characteristic also covers handling and installation.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Bob Perry
Production Director

Signature

Hammersmith, 20th June 2014