

1. Unique identification code of the product-type: **RW-PL-G-1803**
2. Type and serial number allowing identification of the product: See product label trade name
3. Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **thermal insulations products for building equipment**
4. Name, registered trade name or trade mark and contact address of the manufacturer as required under article 11(5): **ROCKWOOL Hungary Kft, Keszthelyi út 53, Tapolca H-8300**
5. Systems of assessment and verification of constancy of performance of the construction products as set out in CPR, Annex V: Systems 1 and 3
6. Notified Certification body **ÉMI Építésügyi Minőségellenőrző Innovációs Nonprofit Kft., Diószegi út 37, Budapest HU-1113 No. 1415** has performed, carried out the determination of the product type, 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 conformity No 1415-CPD-45-(C-41/2012)
7. Declared Performance **Techrock 60 ALS; MW EN 14303-T4-ST(+)-250**.

| Essential Characteristics | Clauses in this and other European standard(s) related to essential characteristics | Harmonized standard EN 14303:2009 | Declared value/ NPD ¹⁾ |
|--|---|--|-----------------------------------|
| Reaction to fire | 4.2.4 Reaction to fire of the product as placed on the market | Euroclass | A1 |
| Continuous glowing combustion | 4.3.10 Continuous glowing combustion | According to national test method where available | NPD |
| Thermal conductivity | 4.2.1 Thermal conductivity | Thermal conductivity against high temperature | See table 1 |
| | 4.2.2.1 Linear dimension. | T _f ^{a)} Classes for thickness tolerances - width - length Pipe sections - inside diameter - thickness uniformity | T4 ± 1,5% ± 2% -- -- |
| | 4.2.2.2 Squareness | S ₀ , deviation from squareness, (boards and slabs) v, deviation from squareness, v (pipe sections) | ± 5mm -- |
| | 4.2.3 Dimensional stability for 48h exposure at (23+/-2) °C and 90+/-5% relative humidity | The relative changes in thickness, length and width The relative changes in flatness | NPD see p. 4.3.2. |
| Water permeability | 4.3.5 Water absorption | Short term water absorption, W _p | NPD |
| Water vapour permeability | 4.3.6 Water vapour diffusion resistance. | μ, MVF ¹⁾ declared | NPD |
| Rate of release of corrosive substances | 4.3.7 Trace quantities of water soluble ions and the pH-value | Trace quantities of water-soluble ions: -chloride, -fluoride, -silicate, -sodium, -pH ^{a)} | NPD NPD NPD NPD NPD |
| Release of dangerous substances to the indoor environment | 4.3.9 Released of dangerous substances | EU level not yet available | n) |
| Durability of reaction to fire against ageing/degradation and high temperature | 4.2.5.2 Durability of reaction to fire | Reaction to fire against ageing | Not change with time |
| Durability of thermal resistance against ageing/degradation | 4.2.5.3 Durability of thermal resistance | Thermal resistance against ageing | Not change with time |
| Durability thermal resistance against high temperature | 4.2.5.4 Durability thermal resistance against high temperature | Thermal resistance against high temperature | Not change with time |
| Service temperature | 4.3.2 Maximum service temperature | ST(+) ^{f)} declared | 250 °C |
| | 4.3.3 Minimum service temperature | temperature > 0°C temperature < 0°C according to the agreed methodology | Test not necessary NPD |
| Compressive strength | 4.3.4 Compressive stress or compressive strength | CS (10) ^{f)} or CS(Y) ^{f)} , declared | NPD |
| Acoustic absorption index | 4.3.8 Sound absorption | α _p (AP ^{f)} and α _w (AW ^{f)} declared | NPD |

¹⁾ no performance declared

²⁾ whichever gives the bigger numerical tolerance

^{a)} "f" indicates relevant class of level or declared value

^{b)} according to national regulations; see: Safety Use Instruction Sheet

Table 1

| Declared thermal conductivity λ_D | | | | | | | |
|---|-------|----|-------|-----|-----|-------|---|
| T (°C) | 10 | 50 | 100 | 150 | 200 | 250 | - |
| λ (W/mK) | 0,035 | -- | 0,049 | -- | -- | 0,085 | - |

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:

Frank Christian Bartel
Technical and Production Director



Signature

Tapolca, 01. 07. 2013.