

INDUSTRIAL BATTS BLACK60/ TECHROCK 60FB1 d≥60mm

- Unique identification code of the product-type:
RW-PL-G-0807-I
- Type and serial number allowing identification of the product:
See label INDUSTRIAL BATTS BLACK 60/ TECHROCK 60FB1 d≥60 mm MW-EN 14303-T4-ST(+)-400-WS1
- Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **thermal insulation products for building equipment.**
- Name, registered trade name or trade mark and contact address of the manufacturer as required under article 11(5):
ROCKWOOL® Polska Sp. z o.o., ul. Kwiatowa 14, 66-131 Cigacice.
- Where, applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): not applicable
- Systems of assessment and verification of constancy of performance of the construction products as set out in CPR, Annex V: **Systems 1 and 3**
- Notified Certification body No. **1390 Centrum stavebního inženýrství a.s. Praha**, 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 **No 1390-CPR-0341/12/P (factory Cigacice).**
- Not applicable
- Declared Performance in the Table 1 and Table 2

Table 1

| Essential Characteristics | Clauses in this and other European standard(s) related to essential characteristics | Harmonized standard EN 14303:2009 + A1:2013 | Declared value/ NPD ¹⁾ |
|--|---|---|-----------------------------------|
| Reaction to fire | 4.2.4 Reaction to fire | Euroklass | A1 |
| Continuous glowing combustion | 4.3.10 Continuous glowing combustion | According to national test method where available | ^{b)} |
| Thermal conductivity | 4.2.1 Thermal conductivity 4.2.2.1 Linear dimension. | λ_D declared T_i ^{a)} Classes for thickness tolerances - width - length | See table2 T4 ±1,5% ±2% |
| Dimensional stability | 4.2.3 Dimensional stability | The test is not carried out if S(T)+ is declared. | See 4.3.2 |
| Water permeability | 4.3.5 Water absorption | W_p Short term water absorption | WS1(≤1 kg/m ²) |
| Water vapour permeability | 4.3.6 Water vapour diffusion resistance: | μ , MV_i ^{a)} 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 |
| Release of dangerous substances to the indoor environment | 4.3.9 Released of dangerous substances | EU level not yet available | ^{c)} |
| 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(+) ^{a)} declared °C | ST(+)-400 |
| Compressive strength | 4.3.4 Compressive stress or compressive strength | CS (10) ^{a)} or CS(Y) ^{a)} , declared | NPD |
| Acoustic absorption index | 4.3.8 Sound absorption | α_p (APi ^{a)}) and α_w , (AWi ^{a)}) declared | NPD |

¹⁾ No performance determined; ^{a)} "i" indicates relevant class of level or declared value; ^{b)} national regulations not available; ^{c)} according to national regulations; see: Safety Use Instruction Sheet

Table 2

| T (°C) | Declared thermal conductivity λ_D | | | | | | |
|------------------|---|-------|-------|-------|-------|-------|-------|
| | 50 | 100 | 150 | 200 | 250 | 300 | 400 |
| λ (W.mK) | 0,039 | 0,049 | 0,060 | 0,075 | 0,093 | 0,113 | 0,137 |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in Table 1 and Table 2 of point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Frank Christian Bartel
Technical & Production Director
(Name, function))

Cigacice, 10.01.2014
Place, date


Signature