

Declaration of Performance

B4220MPCPR

1. Unique Identification code of the product-type.
SUPAFIL CAVITY WALL 034, SUPAFIL TIMBER FRAME 034.
2. Type, Batch or serial number or any other element allowing identification of the construction product as required under article 11(4) of the CPR:
See Product Label
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification foreseen by the manufacturer:
Thermal Insulation for Buildings (ThIB)
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5)
Knauf Insulation
Am Bahnhof 7, 97346 Iphofen,
Deutschland.
www.knaufinsulation.com
Contact: dop@knaufinsulation.com
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not applicable.
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
 - AVCP System 4 for Reaction to Fire - Products/materials that do not require to be tested for reaction to fire e.g. (Products/materials of classes A1 according to the Decision 96/603/EC, as amended).
 - AVCP System 3 for the other characteristics.
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:
The CSTC (Notified testing laboratory N°1136) & MPA Stuttgart – OTTO GRAF INSTITUTE (Notified testing laboratory N°0672) performed the test reports for the other declared characteristics under system 3.
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
Not applicable

9. Declared Performances.

| Essential characteristics | Harmonized Standard | SUPAFIL CAVITY WALL 034 | SUPAFIL TIMBERFRAME 034 |
|----------------------------------|----------------------------|--|--|
| Thermal conductivity (W/mK) | EN 12667 | 0.034 | 0.034 |
| Thermal Resistance | EN 12667 | See product label or Performance chart | See product label or Performance chart |
| Settlement | ANNEX K OF EN 14064-1 | S1 | S1 |
| Reaction to fire | EN 13501-1 | A1 | A1 |
| Short water absorption | EN 1609 | WS | WS |
| Water vapor transmission | EN 12086 | MU1 | MU1 |
| Air flow resistivity | EN 29053 | NPD | NPD |

PERFORMANCE CHART

| Cavity/Frame width (mm) | Declared thermal resistance level (m².K/W) | Minimum bag usage rate (Bags per 100m²) |
|------------------------------------|--|---|
| 40 | R1,2 | 8,4 |
| 50 | R1,5 | 10,5 |
| 60 | R1,8 | 12,7 |
| 70 | R2,1 | 14,8 |
| 80 | R2,4 | 16,9 |
| 90 | R2,6 | 19,0 |
| 100 | R2,9 | 21,1 |
| 110 | R3,2 | 22,5 |
| 120 | R3,5 | 25,3 |
| 130 | R3,8 | 27,4 |
| 140 | R4,1 | 29,5 |
| 150 | R4,4 | 31,6 |
| 160 | R4,7 | 33,7 |
| 170 | R5,0 | 35,8 |
| 180 | R5,3 | 38,0 |
| 190 | R5,6 | 40,1 |
| 200 | R5,9 | 42,2 |
| 210 | R6,2 | 44,3 |
| 220 | R6,5 | 46,4 |
| 230 | R6,8 | 48,5 |
| 240 | R7,1 | 50,6 |
| 250 | R7,4 | 52,7 |
| 260 | R7,6 | 54,8 |
| 270 | R7,9 | 56,9 |
| 280 | R8,2 | 59,0 |
| 290 | R8,5 | 61,1 |
| 300 | R8,8 | 63,3 |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Olivier Douxchamps, Plant Manager
(Name and function)



In VISE, 10/01/2014
(Place and date of issue)

(Signature)