



DECLARATION OF PERFORMANCE

nr 01-2015-EN

| | |
|---|---|
| 1. Unique identification code of the product type: | ULTRAPOL RG 03/35 |
| 2. Intended uses: | Thermal insulation of walls, ceilings and suspended ceilings. |
| 3. Manufacturer: | ULTRAPUR Sp. z o.o. ul. Chwaliszewo 72/7, 61-104 Poznań |
| 4. System of AVCP: | System 3 |
| 5. Harmonized standard: Notified body/ies: | PN-EN 14315-1:2013 No. 1488 Instytut Techniki Budowlanej 00-611 Warszawa, ul. Filtrowa 1 |

6. Declared performance/s:

| Requirements/Characteristic from the mandate | Declared levels and/or classes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-----------------------------|--------------------------|-----------------------------|----------------------|--|---------------------|-----------------------------|---------------------|-----------------------------|----|-------|------|-------|------|----|-------|------|-------|------|----|-------|------|-------|------|----|-------|------|-------|------|----|-------|------|-------|------|----|-------|------|-------|------|----|-------|------|-------|------|----|-------|------|-------|------|----|-------|------|-------|------|----|-------|------|-------|------|
| Reaction to fire | Euroclass E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water permeability: Short-term water absorption by partial immersion | $W_p < 0,23 \text{ kg/m}^2$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thermal resistance: Thermal resistance and thermal conductivity | <p>Declared aged thermal resistance (R_D) and thermal conductivity coefficient (λ_D) for nominal thickness (d_N) are given in the table:</p> <table border="1"> <thead> <tr> <th rowspan="2">d_N [mm]</th> <th colspan="2">one diffusion tight face</th> <th colspan="2">diffusion open faces</th> </tr> <tr> <th>λ_D [W/m·K]</th> <th>R_D [m²·K/W]</th> <th>λ_D [W/m·K]</th> <th>R_D [m²·K/W]</th> </tr> </thead> <tbody> <tr><td>30</td><td>0,028</td><td>1,05</td><td>0,028</td><td>1,05</td></tr> <tr><td>35</td><td>0,028</td><td>1,25</td><td>0,028</td><td>1,25</td></tr> <tr><td>40</td><td>0,027</td><td>1,45</td><td>0,028</td><td>1,40</td></tr> <tr><td>45</td><td>0,027</td><td>1,65</td><td>0,028</td><td>1,60</td></tr> <tr><td>50</td><td>0,027</td><td>1,85</td><td>0,028</td><td>1,75</td></tr> <tr><td>55</td><td>0,027</td><td>2,00</td><td>0,028</td><td>1,95</td></tr> <tr><td>60</td><td>0,026</td><td>2,30</td><td>0,028</td><td>2,10</td></tr> <tr><td>65</td><td>0,026</td><td>2,50</td><td>0,028</td><td>2,30</td></tr> <tr><td>70</td><td>0,026</td><td>2,65</td><td>0,028</td><td>2,50</td></tr> <tr><td>75</td><td>0,026</td><td>2,85</td><td>0,028</td><td>2,65</td></tr> </tbody> </table> | d_N [mm] | one diffusion tight face | | diffusion open faces | | λ_D [W/m·K] | R_D [m ² ·K/W] | λ_D [W/m·K] | R_D [m ² ·K/W] | 30 | 0,028 | 1,05 | 0,028 | 1,05 | 35 | 0,028 | 1,25 | 0,028 | 1,25 | 40 | 0,027 | 1,45 | 0,028 | 1,40 | 45 | 0,027 | 1,65 | 0,028 | 1,60 | 50 | 0,027 | 1,85 | 0,028 | 1,75 | 55 | 0,027 | 2,00 | 0,028 | 1,95 | 60 | 0,026 | 2,30 | 0,028 | 2,10 | 65 | 0,026 | 2,50 | 0,028 | 2,30 | 70 | 0,026 | 2,65 | 0,028 | 2,50 | 75 | 0,026 | 2,85 | 0,028 | 2,65 |
| d_N [mm] | one diffusion tight face | | diffusion open faces | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | λ_D [W/m·K] | R_D [m ² ·K/W] | λ_D [W/m·K] | R_D [m ² ·K/W] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 0,028 | 1,05 | 0,028 | 1,05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 0,028 | 1,25 | 0,028 | 1,25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 0,027 | 1,45 | 0,028 | 1,40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 0,027 | 1,65 | 0,028 | 1,60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 0,027 | 1,85 | 0,028 | 1,75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | 0,027 | 2,00 | 0,028 | 1,95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 0,026 | 2,30 | 0,028 | 2,10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65 | 0,026 | 2,50 | 0,028 | 2,30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | 0,026 | 2,65 | 0,028 | 2,50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | 0,026 | 2,85 | 0,028 | 2,65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | |
|--|--|-------|------|-------|------|
| | 80 | 0,026 | 3,05 | 0,027 | 2,95 |
| | 85 | 0,026 | 3,25 | 0,027 | 3,10 |
| | 90 | 0,026 | 3,45 | 0,027 | 3,30 |
| | 95 | 0,026 | 3,65 | 0,027 | 3,50 |
| | 100 | 0,026 | 3,80 | 0,027 | 3,70 |
| | 105 | 0,026 | 4,00 | 0,027 | 3,85 |
| | 110 | 0,026 | 4,20 | 0,027 | 4,05 |
| | 115 | 0,026 | 4,40 | 0,027 | 4,25 |
| | 120 | 0,026 | 4,60 | 0,026 | 4,60 |
| | 125 | 0,026 | 4,80 | 0,026 | 4,80 |
| | 130 | 0,026 | 5,00 | 0,026 | 5,00 |
| | 135 | 0,026 | 5,15 | 0,026 | 5,15 |
| | 140 | 0,026 | 5,35 | 0,026 | 5,35 |
| | 145 | 0,026 | 5,55 | 0,026 | 5,55 |
| | 150 | 0,026 | 5,75 | 0,026 | 5,75 |
| Water vapour permeability: Water vapour resistance factor | MU35 | | | | |
| Compressive strength | CS(10\Y)200 | | | | |
| Durability of reaction to fire against ageing/degradation | It does not decrease with time | | | | |
| Durability of thermal resistance against ageing/degradation | The value of thermal resistance is declared stable in 25 years | | | | |
| Durability of compressive strength against ageing/degradation | It does not decrease with time | | | | |
| Continuous glowing combustion | NPD | | | | |

7. The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation (EU) no. 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

[first and last name]..... WITOLD PAJBEK

in [site] POZNAN on [date of issue]..... 19. 03. 2015 r.

[signature] WPA