



## DECLARATION OF PERFORMANCE

nr 02-2016-EN

|   |   |
|---|---|
| <b>1. Unique identification code of the product type:</b> | <b>ULTRAPOL RG 03/10</b>  |
| <b>2. Intended uses:</b>                                  | Thermal insulation of walls, ceilings and suspended ceilings.                                     |
| <b>3. Manufacturer:</b>                                   | <b>ULTRAPUR Sp. z o.o.</b><br>ul. Chwaliszewo 72/7, 61-104 Poznań                                 |
| <b>4. System of AVCP:</b>                                 | System 3  |
| <b>5. Harmonized standard:<br/>Notified body/ies:</b>     | PN-EN 14315-1:2013<br>No. 1488<br>Instytut Techniki Budowlanej<br>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:<br>Short-term water absorption by partial immersion | $W_p < 0,3 \text{ kg/m}^2$   |            |      |      |      |      |      |      |      |      |      |      |      |      |     |      |     |     |                             |      |      |     |     |      |      |     |      |      |     |     |      |      |     |     |      |            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                             |     |     |      |      |     |     |      |     |     |      |      |     |     |      |   |     |
| Thermal resistance:<br>Thermal resistance and thermal conductivity      | Declared thermal conductivity coefficient ( $\lambda_D$ ): 0,039 W/m·K.<br>Declared thermal resistance ( $R_D$ ) for nominal insulation thickness $d_N$ : <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th><math>d_N</math> [mm]</th> <th>45</th> <th>50</th> <th>55</th> <th>60</th> <th>65</th> <th>70</th> <th>75</th> <th>80</th> <th>85</th> <th>90</th> <th>95</th> <th>100</th> <th>105</th> <th>110</th> <th>115</th> <th>120</th> </tr> </thead> <tbody> <tr> <td><math>R_D</math> [m<sup>2</sup>·K/W]</td> <td>1,15</td> <td>1,25</td> <td>1,4</td> <td>1,5</td> <td>1,65</td> <td>1,75</td> <td>1,9</td> <td>2,05</td> <td>2,15</td> <td>2,3</td> <td>2,4</td> <td>2,55</td> <td>2,65</td> <td>2,8</td> <td>2,9</td> <td>3,05</td> </tr> <tr> <th><math>d_N</math> [mm]</th> <th>125</th> <th>130</th> <th>135</th> <th>140</th> <th>145</th> <th>150</th> <th>155</th> <th>160</th> <th>165</th> <th>170</th> <th>175</th> <th>180</th> <th>185</th> <th>190</th> <th>195</th> <th>200</th> </tr> <tr> <td><math>R_D</math> [m<sup>2</sup>·K/W]</td> <td>3,2</td> <td>3,3</td> <td>3,45</td> <td>3,55</td> <td>3,7</td> <td>3,8</td> <td>3,95</td> <td>4,1</td> <td>4,2</td> <td>4,35</td> <td>4,45</td> <td>4,6</td> <td>4,7</td> <td>4,85</td> <td>5</td> <td>5,1</td> </tr> </tbody> </table> | $d_N$ [mm] | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   | 95   | 100  | 105 | 110  | 115 | 120 | $R_D$ [m <sup>2</sup> ·K/W] | 1,15 | 1,25 | 1,4 | 1,5 | 1,65 | 1,75 | 1,9 | 2,05 | 2,15 | 2,3 | 2,4 | 2,55 | 2,65 | 2,8 | 2,9 | 3,05 | $d_N$ [mm] | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 | 190 | 195 | 200 | $R_D$ [m <sup>2</sup> ·K/W] | 3,2 | 3,3 | 3,45 | 3,55 | 3,7 | 3,8 | 3,95 | 4,1 | 4,2 | 4,35 | 4,45 | 4,6 | 4,7 | 4,85 | 5 | 5,1 |
| $d_N$ [mm]  | 45   | 50         | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   | 95   | 100  | 105  | 110  | 115 | 120  |     |     |                             |      |      |     |     |      |      |     |      |      |     |     |      |      |     |     |      |            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                             |     |     |      |      |     |     |      |     |     |      |      |     |     |      |   |     |
| $R_D$ [m <sup>2</sup> ·K/W]   | 1,15   | 1,25       | 1,4  | 1,5  | 1,65 | 1,75 | 1,9  | 2,05 | 2,15 | 2,3  | 2,4  | 2,55 | 2,65 | 2,8  | 2,9 | 3,05 |     |     |                             |      |      |     |     |      |      |     |      |      |     |     |      |      |     |     |      |            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                             |     |     |      |      |     |     |      |     |     |      |      |     |     |      |   |     |
| $d_N$ [mm]  | 125  | 130        | 135  | 140  | 145  | 150  | 155  | 160  | 165  | 170  | 175  | 180  | 185  | 190  | 195 | 200  |     |     |                             |      |      |     |     |      |      |     |      |      |     |     |      |      |     |     |      |            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                             |     |     |      |      |     |     |      |     |     |      |      |     |     |      |   |     |
| $R_D$ [m <sup>2</sup> ·K/W]   | 3,2  | 3,3        | 3,45 | 3,55 | 3,7  | 3,8  | 3,95 | 4,1  | 4,2  | 4,35 | 4,45 | 4,6  | 4,7  | 4,85 | 5   | 5,1  |     |     |                             |      |      |     |     |      |      |     |      |      |     |     |      |      |     |     |      |            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                             |     |     |      |      |     |     |      |     |     |      |      |     |     |      |   |     |

|   |   |
|---|---|
| Water vapour permeability:<br>Water vapour resistance<br>factor     | MU3,6   |
| Compressive strength  | NPD   |
| Durability of reaction to fire<br>against ageing/degradation        | It does not decrease with time  |
| Durability of thermal<br>resistance against<br>ageing/degradation   | The value of thermal resistance is declared stable in 25 years<br>Dimension stability – DS(TH)4 |
| Durability of compressive<br>strength against<br>ageing/degradation | NPD   |
| Continuous glowing<br>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 PAJAR .....

in [site] ..... POZNAŃ ..... on [date of issue]..... 11.04.2016 .....

[signature] ..... [Signature] .....


  
 Ultrapur Sp. z o.o.  
 61-104 Poznań ul. Chwaliszewo 72/7  
 NIP 783 17 08 550 REGON 302629773  
 tel. 61 415 29 82 fax 61 415 29 84