

## DECLARATION OF PERFORMANCE

nr 04-2018-EN

<b>1. Unique identification code of the product type:</b>	<b>ULTRAPOL RG 05/55</b>
<b>2. Intended uses:</b>	Thermal insulation of roofs and floors.
<b>3. Manufacturer:</b>	<b>ULTRAPUR Sp. z o.o.</b> ul. Chwaliszewo 72/7, 61-104 Poznań
<b>4. System of AVCP:</b>	System 3
<b>5. Harmonized standard: Notified body/ies:</b>	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
	$B_{\text{roof}}(t_1)$
Water permeability: Short-term water absorption by partial immersion	$W_p < 0,1 \text{ kg/m}^2$
Thermal resistance: Thermal resistance and thermal conductivity	Declared aged thermal conductivity coefficient ( $\lambda_D$ ) for foam with diffusion-open faces, depending on insulation thickness ( $d_N$ ): for $d_N < 80\text{mm}$ $\lambda_D = 0,028 \text{ W/mK}$ for $80\text{mm} \leq d_N < 120\text{mm}$ $\lambda_D = 0,027 \text{ W/mK}$ Declared aged thermal resistance ( $R_D$ ) for nominal thickness ( $d_N$ ) are given in the table below.

$d_N$ [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]	1,60	1,75	1,95	2,10	2,30	2,50	2,65	2,85	3,10	3,30	3,50	3,70	3,85	4,05	4,25	4,40
$d_N$ [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]	4,60	4,80	5,00	5,15	5,35	5,55	5,70	5,90	6,10	6,25	6,45	6,65	6,85	7,00	7,20	7,40
Water vapour permeability: Water vapour resistance factor	MU65															
Compressive strength	CS(10\Y)300															
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:



on 30.10.2018