



# Declaration of Performance

according to annex III, Regulation (EU) 305/2011  
(Construction Products Regulation)



No.:	<b>1229 - CPR - 2013-07-01</b>							
1	Unique identification code of the product-type	<b>puren-PIR AV</b>						
2	Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	<b>see marking on boards</b>						
3	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	<b>Thermal insulation for buildings (ThIB)</b>						
4	Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)	<b>puren gmbh</b> Rengoldshauer Strasse 4, D-88662 Überlingen, Germany Tel. +49 7551 8099-0 Fax +49 7551 8099-20 www.puren.com						
5	Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)	<b>not relevant</b>						
6	System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	<b>AVCP 3</b>						
7	In case of the declaration of performance concerning a construction product covered by a harmonised standard	<b>Notified testing laboratory (FIW München, 0751) performed the test reports on the declared characteristics under system AVCP 3</b>						
8	In case of the declaration of performance concerning a construction product covered by a harmonised standard	<b>not relevant</b>						
<b>Declared Performance</b>								
<b>Essential characteristics</b>		<b>Performance</b>					<b>Harmonised technical specification</b>	
Reaction to fire		RtF Class E					EN 13501-1	
Thickness [mm]		25	30	40	50	60		80
Thermal resistance $R_D$ [(m <sup>2</sup> ·K)/W]		1,000	1,200	1,600	2,000	2,400		3,200
Thermal conductivity $\lambda_D$ [W/(m·K)]		0,025						
Thickness Tolerance [mm]		T3 / ±1,5		T2 / ±3		T2 / +5 -3		
Compressive strength		CS(10Y)150						
Tensile strength		NPD (No Performance Determined)						
Dimensional stability under specified temperature and humidity conditions		DS(70,90)4 DS(-20,-)2						
all other characteristics according to 13165		EN	NPD (No Performance Determined)					
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:

**puren gmbh**

*Dr. Andreas Huther*  
Dr. Andreas Huther  
(Managing Director)

Überlingen, 07/01/2013