




No: TNY/003 /2017	DECLARATION OF PERFORMANCE		
	On the basis of Article 4 of Regulation (EU) No 305/211 of the European Parliament and of the Council, the Commission Decision No 99/91/EC, and the Government Decree No 275/2013.		
1.	Name of the product	ENERGOCELL GR factory made cellular glass granules	
2.	Type number	150-175	
3.	Intended uses	as thermal insulator, filler or bedding layer	
4.	Name of the manufacturer	Daniella Ipari Park Kft. 4031 Debrecen Köntösgát sor 1.-3.	
5.	Certification system according to Annex V of Regulation (EU) No 305/211 of the European Parliament and of the Council:	System 3 ÉMI NON-PROFIT LIMITED LIABILITY COMPANY FOR QUALITY CONTROL AND INNOVATION IN BUILDING A-44/2017	
6.	Bulk density [kg/m ³]	150-175 kg	factory data
	Particle density [mg/m ³]	ρ_a 0,31 ρ_{rd} 0,29 ρ_{ssd} 0,34	EN 1097-6:2013
	Thermal conductivity	$\lambda \leq 0,086$ W/mk	EN 1934:2000
	Water absorption [%] (% by mass)	$\leq 10,0\%$ (m/m)	EN 1097-6:2013
	Water absorption [%] (% by volume)	$\leq 3,5\%$ (v/v)	data calculation by the factory
	Resistance to freezing	F ₁	ETAG 004, section 5.1.4.1.1 (3)
	Reaction to fire classification	A1	EN 13501-1:2007+A1:2010
	Magnesium sulfate soundness	MS ₁₈	EN 1367-2:2010
	Aggregate type, particle size distribution, fine particle content	broad-range, G _{A85} , f ₃	EN 933-1:2012
	Test for flakiness index	FI ₂₀	EN 933-3:2012
	Resistance to fragmentation – Los Angeles coefficient	LA ₆₀	EN 1097-2:2010
	Resistance to wear – Micro Deval test	M _{DE75}	EN 1097-1:2012
	Classification of constituent materials	Rg ₁₀₀	EN 933-11:2009
	Water-soluble sulfate content [%]	SS _{0,2}	EN 1744-1:2009+A1:2013
	Acid-soluble sulfate content [%]	AS _{0,2}	EN 1744-1:2009+A1:2013
	Total sulfur [%]	S ₁	EN 1744-1:2009+A1:2013
	<ul style="list-style-type: none"> • The performance of the product defined in section 1.2. of the National Technical Assessment No A-44/2017 is in conformity with the performance declared. • This declaration of performance is issued under the sole responsibility of the manufacturer (or their authorized representative) identified above. 		

17 January 2019, Debrecen



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Managing Director



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