

## DECLARATION OF PERFORMANCE

no. POV 15/2024/EN

1. A unique product type identification code: MIRELON<sup>®</sup> AKUSTIK
2. Intended use: Thermal insulation product for use as thermal insulation for water drain
3. Company, contact adress:  
  
Mirel Vratimov a. s.  
Mourová 114/7, 739 32 Vratimov  
Tel. 596 732 673, e-mail: mirel@mirelon.com
4. System of assesment and verification of constancy of performance of construction products  
System 3
5. EN 14313:2009+A1:2013, notified body no. 1023 (Institut pro testování a certifikaci a.s., třída Tomáše Bati 299, Louky, 763 02 Zlín) and notified body no. 1390 (Centrum stavebního inženýrství a.s., ul. Pražská 16, 102 00 Praha 10).
6. The declared properties applies to all thermal insulation products MIRELON<sup>®</sup> AKUSTIK.

Basic characteristic		Properties				Harmonized technical specification
Thermal resistance	Coefficient of thermal conductivity W/m.K	°C	λ <sub>D</sub>	°C	λ <sub>D</sub>	EN 14313:2009+A1:2013
		-20	0,039	20	0,049	
		0	0,044	50	0,057	
		10	0,046	90	0,069	
	Dimensions and tolerations					
	- wall thickness	5 mm	+/- 1 mm	X	X	
	- diameter	75 mm	+ 2 to 6 mm	110-160 mm	+ 3 to 8 mm	
	- lenght	L +/- 1,5%				
Reaction on fire	Reaction on fire	F-s3, d2				
Thermal resistance stability in aging/degradation	Coefficient of thermal conductivity W/m.K	see table above				
	Dimensions and tolerations	see table above				
	Dimension stability	3%				
	Characteristic stability	it does not change				
	Lowest operating temperature	-40°C				
	Highest operating temperature	90°C				
Thermal resistance stability at high temperature	Characteristic stability	it does not change				
	Dimension stability	3%				
	Highest operating temperature	90°C				

NPD – no property has been determined

Basic characteristic		Properties	Harmonized technical specification
Stability of reaction on fire at high temperature	Characteristic stability	it does not change	EN 14313:2009+A1:2013
Stability of reaction on fire in aging/degradation	Characteristic stability	it does not change	
Compressive strength	-	NPD	
Water permeability	Water absorption	WS 005 ( $W_p \leq 0,05$ )	
Water vapor permeability	Water absorption	NPD	
	Diffusion resistance	NPD	
Release of corrosive substances	Trace amount of soluble ions and pH	CL 5 ( $\leq 5$ mg/kg), PH 6,5	
Sound absorption index	Structure sound transmission	NPD	
	Sound absorption	NPD	
Release of hazardous substances into internal environment	Release of hazardous substances	NPD	
Burning by incandescent glow	Burning by incandescent glow	NPD	

*NPD – no property has been determined*

The properties of the above-mentioned product are in accordance with the set of declared properties. This declaration of performance is issued under the sole responsibility of the manufacturer referred to above in accordance with Regulation (EU) No. 305/2011.

In Vratimov, 18. 12. 2024



Ing. Milan Rafaj  
Board member  
Mirel Vratimov a.s.

**Mirel Vratimov a.s.**  
Mourová 114/7  
739 32 Vratimov  
IČO: 25912020 • DIČ: CZ25912020  
Tel: 596 732 673 • Fax: 596 732 693