

## DECLARATION OF PERFORMANCE

no. POV 11/2020/EN

1. A unique product type identification code: MIRELON<sup>®</sup> STRIP + LDPE vapor barrier
2. Intended use: Thermal insulation product for use as thermal insulation for equipment, buildings and industrial instalations.
3. Company, contact adress:  
  
Mirel Vratimov a. s.  
Mourová 114/7  
739 32 Vratimov
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> STRIP + LDPE vapor barrier.

Basic characteristics		Properties				Harmonized technical specification	
Thermal resistance	Coefficient of thermal conductivity W/m.K	°C	$\lambda_D$	°C	$\lambda_D$	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						
	- strip thickness	2 - 3 mm	+/- 1 mm	X	X		
	- strip width	3 +/- 1%					
	- strip lenght	L +/- 1,5%					
Reaction on fire	Reaction on fire	F-s3, d2					EN 14313:2009+A1:2013
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					

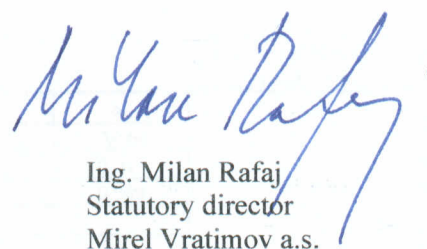
NPD – no property has been determined

Basic characteristics		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	MU 15000	
Release of corrosive substances	Trace amount of soluble ions and pH	CL 5 ( $\leq 5 \text{ mg/kg}$ ), 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, 23.3.2020

  
Ing. Milan Rafaj  
Statutory director  
Mirel Vratimov a.s.

**Mirel Vratimov a.s.**  
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739 32 Vratimov  
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**www.mirelon.com**

The company is registered in the business registry in Ostrava filed under B 2603. • BRC/IoP certification is valid only for PVC film for food.

