



Protape R / Protape RB

Technical data sheet

No.:	DoP ST 001
1. Unique identification code of the product -type:	Protape R / RB
2. Intended use/es:	Thermal insulation for technical building equipment and industrial installations (ThIBell)
3. Manufacturer:	Protape d.o.o. Svetosavska 378M 11460 Barajevo
4. System/s of AVCP	1
5. Harmonised standard:	Declaration of performance according to product standard EN 14304:2009+A1:2013
6. Declared performance/s:	

Essential Features		Performance			
Reaction to fire euroclass-characteristics	Reaction to fire	Sheet: d _N = 3 - 50 mm	B-s3, d0		
Acoustic absorption index	Structure-borne noise transmission Acoustic absorption		NPD		
Thermal resistance	Thermal conductivity Dimensions and limits	Sheet: d _N = 3 - < 32 mm Sheet: d _N = ≥ 32 mm	°C	-10 °C	0 °C
			W/(m·K)	0,032	0,033*
Water permeability	Water absorption	Sheet: d _N = 3 - < 32 mm Sheet: d _N = ≥ 32 mm	W/(m·K)	0,035	0,036**
			WS01 (W _p ≤ 0,1 kg/m ²)	0,034	0,037
Water vapour permeability	Water vapour diffusion resistance	Sheet: d _N = 3 - < 32 mm Sheet: d _N = ≥ 32 mm	MU 10.000 (μ ≥ 10.000) MU 7.000 (μ ≥ 7.000)		
Release of corrosive substances	Minor amounts of water soluble chlorides and pH- value		500/7		
Release of dangerous substances to indoor environment	Release of dangerous substances		NPD ^a		
Continuous glowing combustion	Continuous glowing combustion		NPD		
Durability of reaction to fire against ageing/degradation	Durability characteristics ^b				
Durability of thermal resistance against ageing/degradation	Durability characteristics ^c				
	Maximum service temperature	Sheet: d _N = 3 - 50 mm	ST(+) 85 °C		
	Minimum service temperature	Sheet: d _N = 3 - 50 mm	ST(-) -50 °C		
Durability of reaction to fire Against high temperature	Durability characteristics ^b				
Durability of thermal resistance against high temperature	Durability characteristics ^c				

^a No test method yet adopted.

^b The fire performance of flexible elastomeric foam does not change with time.

^c The thermal conductivity of flexible elastomeric foam does not change with time.

NPD = No Performance Determined

*λ₀ ≤ 0,033 + 7,1316 · 10⁻⁵ θ + 1,2533 · 10⁻⁶ θ² | **λ₀ ≤ 0,036 + 7,1316 · 10⁻⁵ θ + 1,2533 · 10⁻⁶ θ²

Note:

standard dimensions: Thickness: 3mm
Width: 50mm, 75mm and 100mm
Length: 15m
*custom sizes available upon request

The performance of the product identified above is in conformity with the set of declared performance/s.
This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011,
under the sole responsibility of the manufacturer identified above.