



DoP – Declaration of Performance



According to appendix III of construction products regulation no. 305/2011

Number.: M2402

Identifying characteristics: designer radiators

Type, series or any other element enabling identification of products: PALERMO NXT, PALERMO NXT RADIUS

Use: Heating systems in buildings

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678 33 Blansko
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Rating: Assessment system 3

The manufacturer declares on his own responsibility that the properties of the above products are in accordance with the properties declared in the following table:

Required characteristics	Performance								Harmonised technical specification
Reaction in case of fire	A1								EN 442-1 ed.2:2015
Release of hazardous substances	none								
Pressure tightness	No leakage of the radiator at 1,3-fold maximum operating pressure [kPa]								
Pressure resistance	No indication of bursting of the radiator at 1,69-fold maximum operating pressure [kPa]								
Maximum operating pressure	1 Mpa								
Surface temperature	Max. 110°C								
Heating performance	Height [mm]	Length [mm]	Depth [mm]	Water capacity [l]	Weight netto [kg]	ΔT_{50} 75/65/20 °C [W]	K_M [-]	Exponent n [-]	
Palermo NXT	735	500	35	3,7	5,8	355	2,8087	1,2369	
	735	600		4,2	6,7	428	3,3913	1,2369	
	1175	500		5,9	9,2	561	4,2599	1,2475	
	1175	600		6,7	10,5	677	5,1453	1,2475	
	1775	500		8,9	13,9	851	6,0760	1,2634	
	1775	600		10,1	15,9	1028	7,3389	1,2634	
Palermo NXT Radius	735	500	72	3,8	5,9	355	2,8087	1,2369	
	735	600	94	4,3	6,8	428	3,3913	1,2369	
	1175	500	72	6,0	9,3	561	4,2599	1,2475	
	1175	600	94	6,8	10,7	677	5,1453	1,2475	
	1775	500	72	9,0	14,1	851	6,0760	1,2634	
	1775	600	94	10,3	16,2	1028	7,3389	1,2634	
Thermal output in different operating conditions (characteristic curve)					$\Phi = K_M \cdot \Delta T$				
Resistance to minor mechanical shocks					Class 0				
Corrosion resistance					No indication of corrosion after 100 hours in humid conditions				

In Blansko 5th April, 2024

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