



– TECHNICAL SHEET –

PERFORMANCE OF KALORA THERMOREFLECTIVE PAINT FOR OUTSIDE:

Features	Test method	U.M.	Benchmarks	Declared performance
Density, 20° C	SR EN ISO 2811-1:2016	g/cm ³	0,90 - 1,00	
Volatile organic compounds, VOCs	SR EN ISO 11890-2:2020	g/l		
Grid support adhesion	SR EN ISO 2409:2013	class	Grades 0, 1 and 2	
Adhesion to concrete support, at normal tensile stresses: -on control samples -after 25 freeze-thaw cycles	SR EN ISO 4624:2016	N/mm ²	≥0.5	
Washability	SR EN ISO 11998:2007	µm/stroke (class)	Class Classification (1-5)	
Water vapor permeability	SR EN ISO 7783:2019 SR EN ISO 1062-1:2004	g/m ² h	Class V1 > 6 0.6 < Class V2 < 6 Class V3 < 0.6	
Water impermeability, after 7 days	NE 001-96	g/dm ² day	p < 100	
Reaction to fire class (combustibility class)	SR EN 13501-1:2019	class	C-s1-D0	
Degree of reflection	SR EN ISO 2813:2015	-	Min. 83%	
Heat transfer coefficient	SR EN 12667:2002		0.115 W/mK	

TECHNICAL DATA:

Composition:	Water-based paint with binders (polymers), nano thermostable agents, inorganic pigments.
Color:	White. 200-500 gr/m ² / Layer (depending on / application method, surface condition: degradation, high roughness)
Consumption:	500-1000 gr/m ² on bituminous membranes with slate
Drying time:	45~60 min depending on the substrate surface and temperature environment in which it applies.