

Simplified Report No.: 29013-a

Receipt date: November 16th of 2011
Test end date: February 9th of 2012
Report emission date: February 14th of 2012

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Client: INDUSTRIAS JUNO, S.A.
Contact person: ENRIQUE IMAZ
Address: Barrio Saconi, 10
Town: 48950 ERANDIO (Vizcaya)

REFERENCE	STANDARD	TITLE	SAMPLE	STEAM TRANSMISSION SPEED V (g/m ² x day)	EQUIVALENT AIR LAYER THICKNESS s_D (m)	SPECIFICATION ACCORDING TO UNE-EN 1504-2:2005
Paint Ref. ELÁSTICO TEJADOS	UNE-EN ISO 7783-2:1999	Determination and classification of water-vapour transmission rate (permeability)	1	31.57	0.67	Class I: $s_D < 5$ m (Water vapour permeable)
			2	31.16	0.67	
			3	31.54	0.67	
			Average	31.42	0.67	
			Standard deviation	0.23	0.00	

REFERENCE	STANDARD	TITLE	SAMPLE	w kg/(m ² ·h ^{0.5})	SPECIFICATION ACCORDING TO UNE-EN 1504-2:2005
Paint Ref. ELÁSTICO TEJADOS	UNE-EN 1062-3:2008	Determination of liquid water permeability	1	$3.54 \cdot 10^{-3}$	$w < 0.1 \text{ kg} / \text{m}^2 \cdot \text{h}^{0.5}$
			2	$3.54 \cdot 10^{-3}$	
			3	$3.71 \cdot 10^{-3}$	
			Average	$3.6 \cdot 10^{-3}$	
			Standard deviation	$9.98 \cdot 10^{-5}$	

REFERENCE	STANDARD	TITLE	SAMPLE	σ (N/mm ²)	TYPE OF BREAK	SPECIFICATION ACCORDING TO UNE-EN 1504-2:2005
Paint Ref. ELÁSTICO TEJADOS	UNE-EN 1542:2000	Measurement of bond strength by pull-off	1	1.59	95% A 5% A/B	Rigid systems: ≥ 1.0 (0.7) ^b N/mm ² . (Without traffic loads) and: ≥ 2.0 (1.5) ^b N/mm ² (With traffic loads) Flexible systems: ≥ 0.8 (0.5) ^b N/mm ² (Without traffic loads) and ≥ 1.5 (1.0) ^b N/mm ² (With traffic loads)
			2	1.52	90% A 10% A/B	
			3	1.49	80% A 20% A/B	
			Average	1.53		
			Standard deviation	0.05		

^b: The value in parentheses is the smallest value accepted in any reading.

A. Cohesive failure of support.

A/B: Adhesive failure between substrate and first layer.

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REFERENCE	STANDARD	TITLE	RESULT	SPECIFICATION ACCORDING TO UNE-EN 1504-2:2005
Paint Ref. ELÁSTICO TEJADOS	UNE-EN 1062-6:2003	Determination of carbon dioxide permeability	$i \text{ (g/m}^2\text{d)} = 4.149 \pm 0.196$ $S_D \text{ (m)} = 59 \pm 3$ $\mu = 631.129 \pm 7.279$	$S_D > 50 \text{ m}$



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Wood, Polymers and Biocides

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