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Contact person:	Luis Gil
Address:	B.º Saconi, 10
Town:	48950 ERANDIO (Bizkaia)

Application rate: 5 m^2/l (without dilution)
Application: - 1st coat: 150 g/m^2 diluted 10%
- 2nd coat: 150 g/m^2 diluted 5%
Drying time between layers: 6 hours
Total drying time: 7 days

REFERENCE	STANDARD	TITLE	SAMPLE	WATER VAPOR TRANSMISSION SPEED V (g/m^2 x day)	EQUIVALENT AIR LAYER THICKNESS s_D (m)	SPECIFICATION ACCORDING TO UNE-EN 1504-2:2005
Bikril mate	UNE-EN ISO 7783:2012	Determination of water-vapour transmission properties, cup method	1	14.71	1.3864	Class I: s_D<5 m (water vapour permeable) Class II 5m≤ s_D≤50m Class III s_D>50m (water vapour impermeable)
			2	13.99	1.4577	
			3	13.99	1.4577	
			Average	14.23	1.43	
			Standard deviation	0.42	0.04	

Nature of the substrate: Fiber cement
Test method: wet capsule
Average film thickness: (227 ± 29) µm
Conditioning: 3 cycles: 24 hours in water at 23ºC
24 hours at 50ºC in an oven
Temperature and humidity during the test: (23 ± 2)ºC, (50 ± 5)% h.r.

REFERENCE	STANDARD	TITLE	SAMPLE	w $kg/(m^2.h^{0,5})$	SPECIFICATION ACCORDING UNE-EN 1504-2:2005
Bikril mate	UNE-EN 1062-3:2008	Determination of liquid water permeability	1	0.03	$w < 0.1\ Kg/m^2 \cdot h^{0.5}$
			2	0.02	
			3	0.02	
			Average	0.03	
			Standard deviation	$7.39 . 10^{-3}$	

Nature of the substrate: Calcium carbonate brick

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REFERENCE	STANDARD	TITLE	SAMPLE	σ (N/mm²)	BREAKAGE TYPE	SPECIFICATION ACCORDING UNE-EN 1504-2:2005
Bikril mate	UNE-EN 1542:2000	Measurement of bond strength by pull-off	1	4.26	100% cohesive substrate	Rigid systems: ≥1.0 (0.7)[b] N/mm². (Without traffic loads) and: ≥2.0 (1.5)[b] N/mm² (With traffic loads) Flexible systems: ≥0.8 (0.5)[b] N/mm² (Without traffic loads) and ≥1.5(1.0)[b] N/mm² (With traffic loads)
			2	4.98	100% cohesive substrate	
			3	3.85	90% cohesive substrate 10% cohesive coating	
			Average	4.36		
			Standard deviation	0.57		

[b]: The value in parentheses is the smallest value accepted in any reading

Measuring Equipment used: Instron dynamometer model 5569
Load cell 50 KN

Steel pod: ϕ 50 mm
Thickness 30 mm

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REFERENCE	STANDARD	TITLE	RESULT	SPECIFICATION ACCORDING UNE-EN 1504-2:2005
Bikril mate	UNE-EN 1062-6:2003	Determination of carbon dioxide permeability	i (g/m^2d) = 0.83 ± 0.09 S_D (m) = 307.14 ± 29.24 μ = 1445325 ± 263574	S_D>50 m

Nature of the substrate: Fiber cement of 10 mm of thickness
Conditioning method: paragraph 4.3 of the standard UNE-EN 1062-11:2003
Test method: A
Average film thickness a: (215 ± 25) µm

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