

Test Report on Positive hydrostatic water pressure

Customer Name	SCIB Paints 6 th of October city ,Egypt
Sample name	Smart Care Damp sheath Sealer
Test Method	DIN 1048
Conditioning procedure	72 hours in autoclave under 5 Par. and solution contain 1% NaCl + fraction of oil
Room Temperature	23 C
Room Relative Humidity	48%

Test Results

Test	Results		
Positive hydrostatic water pressure test	Sample 1	Sample 2	Average
	Not affected	Not affected	Not affected
Recommendation	pass	pass	pass



SPC Director
Prof. Dr. Ashraf EL-said

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Test Report on water Absorption

Customer Name	SCIB Paints 6 th of October city ,Egypt
Sample name	Smart Care Damp sheath Sealer
Test Method	ASTM D 5795
Dry Film Thickness	500μ
Immersion procedure	Water immersion at 21C
Duration of immersion	48 hours
Room Temperature	23 C
Room Relative Humidity	48%

Test Results

Test	Results		
water Absorption	Sample 1	Sample 2	Average
	0.07%	0.09%	0.08%
Recommendation	pass	pass	pass



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Test Report on water swelling

Customer Name	SCIB Paints 6 th of October city ,Egypt
Sample name	Smart Care Damp sheath Sealer
Test Method	ASTM D 4446
Dry Film Thickness	500μ
Immersion procedure	Water immersion at 21C
Duration of immersion	7 days
Room Temperature	23 C
Room Relative Humidity	48%

Test Results

Test	Results		
water swelling	Sample 1	Sample 2	Average
	3.8%	4.2%	4%



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Test Report on Elongation

Customer Name	SCIB Paints 6 th of October city ,Egypt
Sample name	Smart Care Damp sheath Sealer
Test Method	ASTM D 2370
Dry Film Thickness	2mm
Room Temperature	23 C
Room Relative Humidity	50%

Test Results

Test	Results		
Elongation	Sample 1	Sample 2	Average
	482	484	483
Recommendation	pass	pass	pass

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Test Report on Tensile strength

Customer Name	SCIB Paints 6 th of October city ,Egypt
Sample name	Smart Care Damp sheath Sealer
Test Method	ASTM D 2370
Dry Film Thickness	2mm
Room Temperature	23 C
Room Relative Humidity	50%

Test Results

Test	Results		
Tensile strength	Sample 1	Sample 2	Average
	13 N/mm ²	11 N/mm ²	12 N/mm ²
Recommendation	pass	pass	pass

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Test Report on Efflorescence

Customer Name	SCIB Paints 6 th of October city ,Egypt
Sample name	Smart Care Damp sheath Sealer
Test Method	ASTM D 1736
Dry Film Thickness	500μ
Condition procedure	Applying the paint sample on normal brake except 2.5 cm free of paint then immerse it in saturated sodium chloride solution
Duration of immersion	7 days
Room Temperature	23 C
Room Relative Humidity	50%

Test Results

Test	Results		
Efflorescence	Sample 1	Sample 2	Average
	Not affected	Not affected	Not affected



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Test Report on Pull –Off Adhesion Strength

Customer Name	SCIB Paints 6 th of October city ,Egypt
Sample name	Smart Care Damp sheath Sealer
Test Method	ASTM D 4541-17
Test type	Type 5- self Aligning Tester
Dry Film Thickness	100μ
Room Temperature	23 C
Room Relative Humidity	50%
Substrate used	Concrete

Test Results

Description	Results		
Test number	Samle 1	Sample 2	Sample 3
Diameter of Dolly (mm)	20	20	20
Test position	Vertical	Vertical	Vertical
Pull off strength (N/mm ²)	2.6	2.4	2.5
Average pull off strength (N/mm ²)	2.5		



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