

Certificate of Analysis

Test Fence Inspection: 1000 hour Exposure

Report Number	SF0457
Product Name	Acrysheen Clear (#101002)
Substrate	Aluminum Q-Panel
Test Start Date	2/8/2006
Testing Date	3/23/2006
Test Conditions	As per ASTM standard. Deviation reported at end of certificate.
This Certificate confirms that the above product was tested as per stated standard specification using calibrated equipment and qualified staff. The following test results were obtained.	

Test Results	Florida *
Gloss 85 Change	N/R
Visual Color	10
Color Delta E	9
Blistering	10
Flaking	10
Chalking	10
Cracking/Checking	10

Legend

Inspection Reporting Standards

Effects	Standard
Chalking	ASTM D4214
Checking/Cracking	ASTM D660/661
Dirt	ASTM D3274
Mildew	ASTM D3274
Instrumental Gloss	ASTM D523
Color	ASTM D2244

Numerical Scales

Numerical Scales are used to depict the degree of effect being reported.

Rating	Quality	Change
10	Excellent	No Effect
8	Very Good	Slight
6	Good	Moderate
4	Fair	Pronounced
2	Poor	Severe
0	Very Poor	Very Severe

Color Scales

Ranges

Rating	Gloss Change	Color Delta E
10	0	0
8	0.6 - 1.0	4.0 - 6.0
6	1.6 - 2.0	10.0 - 12.0
4	2.6 - 3.0	16.0 - 18.0
2	3.6 - 4.0	22.0 - 24.0
0	> 4.6	> 28.0

Specialized Scales

Cracking / Checking Report Includes Degree, Type, and Depth

Effect	Type	Depth
10 None	A Irregular	a) Checking
8 Slight	B Line	b) Cracking
6 Moderate	C Switch	
4 Pronounced	D Crow Foot	
2 Severe	E Mosaic	
0 Very Severe	F Shrinkage	
	G Short Random	
	H Sigmoid	

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* Refer to Test No: UCW-0006 Run by Q-Lab Weathering in Homestead, FL, Florida

Certificate of Analysis

Test Fence Inspection: 2000 hour Exposure

Report Number	SF0457
Product Name	Acrysheen Clear (#101002)
Substrate	Aluminum Q-Panel
Test Start Date	2/8/2006
Testing Date	5/10/2006
Test Conditions	As per ASTM standard. Deviation reported at end of certificate.
This Certificate confirms that the above product was tested as per stated standard specification using calibrated equipment and qualified staff. The following test results were obtained.	

Test Results	Florida *
Gloss 85 Change	N/R
Visual Color	8Y
Color Delta E	9
Blistering	10
Flaking	10
Chalking	10
Cracking/Checking	10

Legend

Inspection Reporting Standards

<u>Effects</u>	<u>Standard</u>
Chalking	ASTM D4214
Checking/Cracking	ASTM D660/661
Dirt	ASTM D3274
Mildew	ASTM D3274
Instrumental Gloss	ASTM D523
Color	ASTM D2244

Numerical Scales

Numerical Scales are used to depict the degree of effect being reported.

<u>Rating</u>	<u>Quality</u>	<u>Change</u>
10	Excellent	No Effect
8	Very Good	Slight
6	Good	Moderate
4	Fair	Pronounced
2	Poor	Severe
0	Very Poor	Very Severe

Color Scales

Ranges

<u>Rating</u>	<u>Gloss Change</u>	<u>Color Delta E</u>
10	0	0
8	0.6 - 1.0	4.0 - 6.0
6	1.6 - 2.0	10.0 - 12.0
4	2.6 - 3.0	16.0 - 18.0
2	3.6 - 4.0	22.0 - 24.0
0	> 4.6	> 28.0

Specialized Scales

Cracking / Checking Report Includes Degree, Type, and Depth

<u>Effect</u>	<u>Type</u>	<u>Depth</u>
10 None	A Irregular	a) Checking
8 Slight	B Line	b) Cracking
6 Moderate	C Switch	
4 Pronounced	D Crow Foot	
2 Severe	E Mosaic	
0 Very Severe	F Shrinkage	
	G Short Random	
	H Sigmoid	

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Test Fence Inspection: 3000 hour Exposure

Report Number	SF0457
Product Name	Acrysheen Clear (#101002)
Substrate	Aluminum Q-Panel
Test Start Date	2/8/2006
Testing Date	6/22/2006
Test Conditions	As per ASTM standard. Deviation reported at end of certificate.
This Certificate confirms that the above product was tested as per stated standard specification using calibrated equipment and qualified staff. The following test results were obtained.	

Test Results	Florida *
Gloss 85 Change	N/R
Visual Color	6DC
Color Delta E	9
Blistering	8F
Flaking	10
Chalking	10
Cracking/Checking	8Ea

Legend

Inspection Reporting Standards

Effects	Standard
Chalking	ASTM D4214
Checking/Cracking	ASTM D660/661
Dirt	ASTM D3274
Mildew	ASTM D3274
Instrumental Gloss	ASTM D523
Color	ASTM D2244

Numerical Scales

Numerical Scales are used to depict the degree of effect being reported.

Rating	Quality	Change
10	Excellent	No Effect
8	Very Good	Slight
6	Good	Moderate
4	Fair	Pronounced
2	Poor	Severe
0	Very Poor	Very Severe

Color Scales

Ranges

Rating	Gloss Change	Color Delta E
10	0	0
8	0.6 - 1.0	4.0 - 6.0
6	1.6 - 2.0	10.0 - 12.0
4	2.6 - 3.0	16.0 - 18.0
2	3.6 - 4.0	22.0 - 24.0
0	> 4.6	> 28.0

Specialized Scales

Cracking / Checking Report Includes Degree, Type, and Depth

Effect	Type	Depth
10 None	A Irregular	a) Checking
8 Slight	B Line	b) Cracking
6 Moderate	C Switch	
4 Pronounced	D Crow Foot	
2 Severe	E Mosaic	
0 Very Severe	F Shrinkage	
	G Short Random	
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Test Fence Inspection: 4000 hour Exposure

Report Number	SF0457
Product Name	Acrysheen Clear (#101002)
Substrate	Aluminum Q-Panel
Test Start Date	2/8/2006
Testing Date	8/7/2006
Test Conditions	As per ASTM standard. Deviation reported at end of certificate.
This Certificate confirms that the above product was tested as per stated standard specification using calibrated equipment and qualified staff. The following test results were obtained.	

Test Results	Florida *
Gloss 85 Change	N/R
Visual Color	4DC
Color Delta E	9
Blistering	4M
Flaking	8
Chalking	10
Cracking/Checking	4Ea

Legend

Inspection Reporting Standards

Effects	Standard
Chalking	ASTM D4214
Checking/Cracking	ASTM D660/661
Dirt	ASTM D3274
Mildew	ASTM D3274
Instrumental Gloss	ASTM D523
Color	ASTM D2244

Numerical Scales

Numerical Scales are used to depict the degree of effect being reported.

Rating	Quality	Change
10	Excellent	No Effect
8	Very Good	Slight
6	Good	Moderate
4	Fair	Pronounced
2	Poor	Severe
0	Very Poor	Very Severe

Color Scales

Ranges

Rating	Gloss Change	Color Delta E
10	0	0
8	0.6 - 1.0	4.0 - 6.0
6	1.6 - 2.0	10.0 - 12.0
4	2.6 - 3.0	16.0 - 18.0
2	3.6 - 4.0	22.0 - 24.0
0	> 4.6	> 28.0

Specialized Scales

Cracking / Checking Report Includes Degree, Type, and Depth

Effect	Type	Depth
10 None	A Irregular	a) Checking
8 Slight	B Line	b) Cracking
6 Moderate	C Switch	
4 Pronounced	D Crow Foot	
2 Severe	E Mosaic	
0 Very Severe	F Shrinkage	
	G Short Random	
	H Sigmoid	

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Test Fence Inspection: 5000 hour Exposure

Report Number	SF0457
Product Name	Acrysheen Clear (#101002)
Substrate	Aluminum Q-Panel
Test Start Date	2/8/2006
Testing Date	9/19/2006
Test Conditions	As per ASTM standard. Deviation reported at end of certificate.
This Certificate confirms that the above product was tested as per stated standard specification using calibrated equipment and qualified staff. The following test results were obtained.	

Test Results	Florida *
Gloss 85 Change	N/R
Visual Color	2DC
Color Delta E	9
Blistering	4M
Flaking	8
Chalking	10
Cracking/Checking	4EaFa

Legend

Inspection Reporting Standards

<u>Effects</u>	<u>Standard</u>
Chalking	ASTM D4214
Checking/Cracking	ASTM D660/661
Dirt	ASTM D3274
Mildew	ASTM D3274
Instrumental Gloss	ASTM D523
Color	ASTM D2244

Numerical Scales

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8	Very Good	Slight
6	Good	Moderate
4	Fair	Pronounced
2	Poor	Severe
0	Very Poor	Very Severe

Color Scales

Ranges

<u>Rating</u>	<u>Gloss Change</u>	<u>Color Delta E</u>
10	0	0
8	0.6 - 1.0	4.0 - 6.0
6	1.6 - 2.0	10.0 - 12.0
4	2.6 - 3.0	16.0 - 18.0
2	3.6 - 4.0	22.0 - 24.0
0	> 4.6	> 28.0

Specialized Scales

Cracking / Checking Report Includes Degree, Type, and Depth

<u>Effect</u>	<u>Type</u>	<u>Depth</u>
10	None	A Irregular
8	Slight	B Line
6	Moderate	C Switch
4	Pronounced	D Crow Foot
2	Severe	E Mosaic
0	Very Severe	F Shrinkage
		G Short Random
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