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Customer: Rochford Supply
Purchase Order# 003112
Quote #: 061324ROCHF_R2
Primary Contact: Dave Crandall

BILL TO: MNBROOKLY--4216
Rochford Supply
7624 Boone Ave N, Suite 200
Brooklyn Park MN 55428
USA
Ph: 763-447-6600

SENT TO: MNBROOKLY--4216
Rochford Supply
7624 Boone Ave N, Suite 200
Brooklyn Park MN 55428
USA
Ph: 763-447-6600

TEST REPORT - 38906 A

Entry Date: Monday, June 24, 2024

*Peel and Shear Testing per ASTM D7408.
Samples were cut by Assured Testing Services.*

REVISED REPORT TR38906 A: Revised to only reflect the results for Rochford ExtremeGrip Vinyl Cement+.

Part and Test Information

Test Result

Results: See below.

Rochford ExtremeGrip Vinyl Cement+
Sample #1: 0.00 lb/in.
Sample #2: 0.00 lb/in.
Sample #3: 0.03 lb/in.
Sample #4: 0.23 lb/in.
Sample #5: 0.00 lb/in.

Requirements: 15 lb/in. 2.6 kN/m

Test Name/Procedure	Peel Strength ASTM D7408-12 Section 9.1 / ASTM D882-18 Sect. 11.1		
Requirement Specification	ASTM D7408-12 Section 11 / Table 1: PVC30		
Customer Material Specification			
Part Number			
Lot Number	2"/min		
Sample Description	~1" wide Black 30mil PVC Geomembrane Samples		
In Date	17-Jul-24		
Out Date	17-Jul-24		
Test Count	5		
Return Count	0		
Cycles			
Required		Required	0
Hours/Cycle		Completed	0
Completed			

Test Result

Results: See below.

Rochford ExtremeGrip Vinyl Cement+
Sample #1: 20.04 lb/in.
Sample #2: 16.38 lb/in.
Sample #3: 12.74 lb/in.
Sample #4: 8.98 lb/in.
Sample #5: 17.51 lb/in.

Requirements: 15 lb/in. 2.6 kN/m

Test Name/Procedure	Peel Strength ASTM D7408-12 Section 9.1 / ASTM D882-18 Sect. 11.1		
Requirement Specification	ASTM D7408-12 Section 11 / Table 1: PVC30		
Customer Material Specification			
Part Number			
Lot Number	2"/min		
Sample Description	~1" wide Black 30mil PVC Geomembrane Samples		
In Date	16-Jul-24		
Out Date	17-Jul-24		
Test Count	5		
Return Count	0		
Cycles			
Required		Required	12
Hours/Cycle		Completed	12
Completed			

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Test Result

Results: See below.

Rochford ExtremeGrip Vinyl Cement+
Sample #1: 17.88 lb/in.
Sample #2: 23.16 lb/in.
Sample #3: 17.84 lb/in.
Sample #4: 23.52 lb/in.
Sample #5: 26.11 lb/in.

Requirements: 15 lb/in. 2.6 kN/m

Test Name/Procedure		Peel Strength ASTM D7408-12 Section 9.1 / ASTM D882-18 Sect. 11.1	
Requirement Specification		ASTM D7408-12 Section 11 / Table 1: PVC30	
Customer Material Specification			
Part Number			
Lot Number		2"/min	
Sample Description		~1" wide Black 30mil PVC Geomembrane Samples	
In Date		08-Jul-24	
Out Date		10-Jul-24	
Test Count		5	
Return Count		0	
Cycles		Hours	
Required		Required	48
Hours/Cycle		Completed	48
Completed			

Test Result

Results: See below.

Rochford ExtremeGrip Vinyl Cement+
Sample #1: 0.09 lb/in.
Sample #2: 0.02 lb/in.
Sample #3: 0.04 lb/in.
Sample #4: 0.02 lb/in.
Sample #5: 0.06 lb/in.

Requirements: 18 lb/in. 2.6 kN/m

Test Name/Procedure		Peel Strength ASTM D7408-12 Section 9.1 / ASTM D882-18 Sect. 11.1	
Requirement Specification		ASTM D7408-12 Section 11 / Table 1: PVC30	
Customer Material Specification			
Part Number			
Lot Number		20"/min	
Sample Description		~1" wide Black 30mil PVC Geomembrane Samples	
In Date		10-Jul-24	
Out Date		10-Jul-24	
Test Count		5	
Return Count		0	
Cycles		Hours	
Required		Required	0
Hours/Cycle		Completed	0
Completed			

Test Result

Results: See below.

Rochford ExtremeGrip Vinyl Cement+
Sample #1: 22.6 lb/in
Sample #2: 18.9 lb/in
Sample #3: 23.3 lb/in
Sample #4: 26.8 lb/in
Sample #5: 26.5 lb/in

Requirements: 18 lb/in. 2.6 kN/m

Test Name/Procedure		Peel Strength ASTM D7408-12 Section 9.1 / ASTM D882-18 Sect. 11.1	
Requirement Specification		ASTM D7408-12 Section 11 / Table 1: PVC30	
Customer Material Specification			
Part Number			
Lot Number		20"/min	
Sample Description		~1" wide Black 30mil PVC Geomembrane Samples	
In Date		10-Jul-24	
Out Date		10-Jul-24	
Test Count		5	
Return Count		0	
Cycles		Hours	
Required		Required	12
Hours/Cycle		Completed	12
Completed			

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Test Result

Results: See below.

Rochford ExtremeGrip Vinyl Cement+
Sample #1: 25.95 lb/in.
Sample #2: 26.59 lb/in.
Sample #3: 22.23 lb/in.
Sample #4: 26.72 lb/in.
Sample #5: 26.09 lb/in.

Requirements: 18 lb/in. 2.6 kN/m

Test Name/Procedure		Peel Strength ASTM D7408-12 Section 9.1 / ASTM D882-18 Sect. 11.1	
Requirement Specification		ASTM D7408-12 Section 11	
Customer Material Specification			
Part Number			
Lot Number		20"/min	
Sample Description		~1" wide Black 30mil PVC Geomembrane Samples	
In Date		08-Jul-24	
Out Date		10-Jul-24	
Test Count		5	
Return Count		0	
Cycles		Hours	
Required		Required	48
Hours/Cycle		Completed	48
Completed			

Test Result

Results: See below.

Rochford ExtremeGrip Vinyl Cement+
Sample #1: 0.5 lb/in.
Sample #2: 1.0 lb/in.
Sample #3: 1.0 lb/in.
Sample #4: 1.5 lb/in.
Sample #5: 0.5 lb/in.

Requirements: No pass/fail criteria provided. Report results.

Test Name/Procedure		Shear Force ASTM D7408-12 Section 9.2 / ASTM D882-18 Sect. 11.1	
Requirement Specification		ASTM D7408-12 Section 11	
Customer Material Specification			
Part Number			
Lot Number		2"/min	
Sample Description		~1" wide Black 30mil PVC Geomembrane Samples	
In Date		23-Jul-24	
Out Date		23-Jul-24	
Test Count		5	
Return Count		0	
Cycles		Hours	
Required		Required	0
Hours/Cycle		Completed	0
Completed			

Test Result

Results: See below.

Rochford ExtremeGrip Vinyl Cement+
Sample #1: 293.0 lb/in. Membrane ripped, adhesive remained adheared to membrane.
Sample #2: 274.5 lb/in. Membrane ripped, adhesive remained adheared to membrane.
Sample #3: 229.5 lb/in. Membrane ripped, adhesive remained adheared to membrane.
Sample #4: 248.0 lb/in. Membrane ripped, with a small portion of the membrane tearing apart from the adheive.
Sample #5: 297.5 lb/in. Membrane ripped, adhesive remained adheared to membrane.

Requirements: No pass/fail criteria provided. Report results.

Test Name/Procedure		Shear Force ASTM D7408-12 Section 9.2 / ASTM D882-18 Sect. 11.1	
Requirement Specification		ASTM D7408-12 Section 11	
Customer Material Specification			
Part Number			
Lot Number		2"/min	
Sample Description		~1" wide Black 30mil PVC Geomembrane Samples	
In Date		08-Jul-24	
Out Date		08-Jul-24	
Test Count		5	
Return Count		0	
Cycles		Hours	
Required		Required	12
Hours/Cycle		Completed	12
Completed			

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Test Result

Results: See below.

Rochford ExtremeGrip Vinyl Cement+
Sample #1: 335.5 lb/in. Membrane ripped, adhesive remained adheared to membrane.
Sample #2: 286.0 lb/in. Membrane ripped, adhesive remained adheared to membrane.
Sample #3: 325.5 lb/in. Membrane ripped, adhesive remained adheared to membrane.
Sample #4: 298.5 lb/in. Membrane ripped, adhesive remained adheared to membrane.
Sample #5: 335.5 lb/in. Membrane ripped, adhesive remained adheared to membrane.

Requirements: No pass/fail criteria provided. Report results.

Test Name/Procedure		Shear Force ASTM D7408-12 Section 9.2 / ASTM D882-18 Sect. 11.1	
Requirement Specification		ASTM D7408-12 Section 11	
Customer Material Specification			
Part Number			
Lot Number		2"/min	
Sample Description		~1" wide Black 30mil PVC Geomembrane Samples	
In Date		17-Jul-24	
Out Date		19-Jul-24	
Test Count		5	
Return Count		0	
Cycles		Hours	
Required		Required	48
Hours/Cycle		Completed	48
Completed			

Isabella Hibbler

Laboratory Operations Manager



Issue Date: 8/2/2024

Test results apply only to the item(s) as received and as tested. If Assured Testing Services needs to manipulate a test item dimensionally for the purpose of equipment parameters the results only apply to the portion that is tested. When Information supplied by the customer could affect test results, the customer is responsible for the determining validity of the reported results. Information and statements in this report are derived from material, information, and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of material tested or analyzed for any particular purpose or use. This report is confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony. Samples will be discarded 2 weeks following issuance of test report, unless notified in writing by the client. Any client claims or damages arising from the use of information in this report are strictly limited to the cost of the services provided by Assured Testing Services.

End Of Report

Revision: 5/3/2022