| Descolore Encode | | | | 0400 |
|------------------|------------------|-----------------|--------------|--------|
| DocuSign Envelo | DDE IL): 72Bb43L | 10-9810-40511-8 | AFU-98F5FF82 | 1.1.30 |
| | | | | |

| SGS | | | | | |
|--|---|---|---|---|---|
| Tested For: | Jodi Sawyer | Phone: | (508) 826-2973 | Received: | 2/2/2024 |
| | Flexcon Company | Fax: | () | Completed: | |
| | 1 Flexcon Industrial Park | Mobile: | | Code: | Z |
| | Spencer, MA 01562 | PO#: | | Test Report: | 3-54665-0 |
| | USA | Email: | jsawyer@flexcon.com | | |
| ey Test: | ASTM E84 (Int Fin) | | | | |
| Client's Identi | ification: | | | | |
| roduct Des | cription: Railmark ™ 5372RS. | | | | |
| est Category | : Tunnel Test Specifier: BLDG(IBC | :): ASTM E 84: LE 202; | 3c V 12/23 BG PC: ME | BB /dv | |
| EST PER | FORMED: ASTM E84 - Stand | lard Test Method fo | or Surface Burning Cha | racteristics of Building | Materials |
| REFEREN | CE: Comparable to: UL 723 - | Standard for Test | for Surface Burning Cha | aracteristics of Building | g Materials |
| APPROXIM | IATE THICKNESS OF SPEC | IMEN (as measure | ed by SGS North Americ | ca): 0.005" | |
| SPECIMEN | I WEIGHT (to include substra | te when applicable | e): | | |
| | Conditioning: ed Weight (taken twice within | | 3.1 lbs. 3.1 lbs. | | |
| RODUCT | CATEGORY: | | | | |
| 🛛 Vinyl | ile Type Product I Type Product er than Textile Type or Vinyl Ty | ype Product: | | | |
| defined test tunnel test During the a chamber fa chamber tig | SCRIPTION OF TEST: This te t conditions. The test is perfor ". The test contemplates a cal actual test, a 24 ft. long x 23" cing downward and toward tw ght. A cement board placed or ear face of the specimen is su stance of the spread of flame c system are all recorded. The | med in a 25 ft. long libration where Reg wide specimen res to upward oriented in the backside of e bjected to a 4.5 ft. along the length or | g tunnel/duct-like appar d Oak burns to the 24 ft sts horizontally in a ceili l burners. A furnace lid t ach specimen assembl flame insult of approxin | atus and is often refer . mark in 5.5 minutes : ng configuration inside hat rests in a water tro y protects the furnace nately 88 kW for ten m smoke developed as r | red to as the ± 15 seconds the test ough seals th lid during the inutes. The ead by the |
| ime and di | | | | | |
| ime and di | | Ver. 2021-03-0 | 9 10:35 | | Page 1 |

issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for a maximum of 45 days only.

96 Allen Boulevard Suite D, Farmingdale, NY 11735 USA • Phone: (631) 293-8944 • Email: govmark.test.reports@sgs.com

| | | 70004000 0040 | | |
|------------|---------------|---------------|-----------------|--|
| DOCUSION I | -nvelope II). | 72B643D0-981C | -4(.5))-8AE()-9 | |
| | | | | |

| Tested For: | Jodi Sawyer | Phone: | (508) 826-2973 | Received: | 2/2/2024 |
|-------------|--|----------------|-------------------------------|------------------------|----------------|
| | Flexcon Company | Fax: | () | Completed: | 2/7/2024 |
| | 1 Flexcon Industrial Park | Mobile: | | Code: | Z |
| | Spencer, MA 01562 | PO#: | | Test Report: | |
| | USA | Email: | jsawyer@flexcon.com | | |
| Key Test: | ASTM E84 (Int Fin) | | | | |
| SPECIMEN | N MOUNTING: | | | | |
| | elf-supporting: The test specimen was dditional support was required. | s rigid enou | igh to be self-supporting | when placed into tes | t position. No |
| | dhered to IRC: The test specimen wa | s bonded t | o ¼" Inorganic Reinforce | d Cement (IRC) boar | ds. |
| | dhered to Gypsum: The test specime | n was adhe | ered to 5/8" thick Type X (| gypsum board. | |
| | nadhered: The specimen was not adh esh screen and 1/4" rods. | nered to an | y substrate. Instead, it wa | as laid over a 2" hexa | agonal wire |
| | ther: | | | | |
| capable of | ON: 3.2.1.1: Self-Supporting specime supporting their own weight prior to th porting specimen behavior include t | e test and o | during the test without the | use of additional sup | ports. Examp |
| eff | or to and during the test, the specime ect of the burner flame. ring the test, the specimen does not ir | - | - | | |
| ma | ay still be considered self-supporting in havior does not interfere with the prog | f it sags du | ring the test or if debris fa | | |
| SPECIMEN | N LENGTH: The 24 ft. length was con | nprised of: | | | |
| | tinuous unbroken 24 ft. length | | | | |
| ⊠ Sect | | | | | |
| | □ Three 8 ft. sections p | | | | |
| | Four 5 ft. sections a | ind one 4 ft | . section butted end to en | d | |
| | | | | | |
| ADHESIVE | (applied by SGS North America): | □ No | | | |
| | | ⊠ Yes - (| specify): Self-Stick | | |
| { | | Ver. 2021-03-0 | 9 10:35 | | Page 2 |
| | ained in this report relate only to the item(s) tested. T | | | | |

intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for a maximum of 45 days only.

| 1 Sr U Key Test: A OBSERVATIC ⊠ No unus □ Burning □ Delamir □ Sagging □ Shrinka | sual observations Drips to Floor further qualified nation | | jsawyer@flexcon.com | Completed: Code: Test Report: | Z | 7 |
|---|--|---------------------------------------|----------------------|-------------------------------------|-----------|---|
| Sp U Key Test: A OBSERVATIC No unus Burning Delamir Sagging Shrinka Fallout Other: REMARKS: None Other: | eencer, MA 01562 SA STM E84 (Int Fin) NS: sual observations Drips to Floor further qualified nation g ge | PO#: Email: I as: □ Minor; | | Test Report: | | 7 |
| Key Test: A OBSERVATIC No unus Delamir Sagging Shrinka Fallout Other: REMARKS: None Other: | SA STM E84 (Int Fin) NS: sual observations Drips to Floor further qualified nation g ge | Email: | | | 3-54665-0 | 7 |
| Key Test: A OBSERVATIC No unus Delamir Sagging Shrinka Shrinka Chher: REMARKS: None Other: | STM E84 (Int Fin) NS: sual observations Drips to Floor further qualified nation g ge | l as: □ Minor; | | ſ | | 7 |
| OBSERVATIC No unus Delamir Sagging Shrinka Fallout Other: REMARKS: None Other: | NS: sual observations Drips to Floor further qualified nation g ge | | □ Moderate; □ Majo | r | | - |
| ☑ No unus □ Burning □ Delamir □ Sagging □ Shrinka □ Fallout □ Other: REMARKS: ☑ None □ Other: | sual observations Drips to Floor further qualified nation g ge | | □ Moderate; □ Majo | r | | |
| Burning Delamir Sagging Shrinka Fallout Other: REMARKS: None Other: | Drips to Floor further qualified nation ge | | □ Moderate; □ Majo | r | | |
| □ Sagging □ Shrinka □ Fallout □ Other: REMARKS: ⊠ None □ Other: | ge | ceiling mount) | | | | |
| □ Shrinka □ Fallout □ Other: REMARKS: ⊠ None □ Other: | ge | ceiling mount) | | | | |
| ☐ Fallout ☐ Other: REMARKS: ⊠ None ☐ Other: | - | ceiling mount) | | | | |
| ☐ Other: REMARKS: ⊠ None ☐ Other: | | , , , , , , , , , , , , , , , , , , , | | | | |
| ⊠ None □ Other: | | | | | | |
| RESULTS: | | | | | | |
| | | | | | | |
| Flame Spr Smoke De | | | | | | |
| Rounding (f | Per ASTM E84 Reporting Requ | uirements): | | | | |
| | ead Index value has been roun veloped value has been rounde | | arest multiple of 5. | | | |
| Raw Data Less than 200 or mo | · · · · · · · · · · · · · · · · · · · | | | | | |
| | | | | | | |
| | | | | | | |

The results contained in this report relate only to the item(s) tested. The test report shall not be reproduced except in full, without written approval from SGS North America.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/terms-e-document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for a maximum of 45 days only.

DocuSign Envelope ID: 72B643D0-981C-4C5D-8AF0-9BE5EF82C13C

| SGS | | | | |
|--------------------|---------------------------|----------------------------|--------------|-----------|
| Tested For: | Jodi Sawyer | Phone: (508) 826-2973 | Received: | 2/2/2024 |
| | Flexcon Company | Fax: | Completed: | 2/7/2024 |
| | 1 Flexcon Industrial Park | Mobile: | Code: | Z |
| | Spencer, MA 01562 | PO#: | Test Report: | 3-54665-0 |
| | USA | Email: jsawyer@flexcon.com | | |

Key Test: ASTM E84 (Int Fin)

CONCLUSION: Based on the reported Results and cited Code Classification System, the item tested is assigned a:

- \boxtimes Class I or A rating
- □ Class II or B rating
- □ Class III or C rating

□ Fails to achieve a minimum classification thereby rendering the product unsuitable in terms of code requirement □ Based on product performance*, ASTM E84 is not a suitable test method for the material.

* Severe melt, drip, delamination or other behavior that destroys the continuity of the flame front such that a valid flame spread is unobtainable (See "Remarks")

DATA SUMMARY:

Time to Ignition (minutes:seconds):00:25Maximum Flame Spread "Distance" (feet):1.0Maximum Flame Spread "Time" (seconds):51

CODE CLASSIFICATION SYSTEM (Please see "ASTM E84 Limitations"):

| Flame Spread Ir | ndex | Smoke Developed |
|-----------------|----------|-----------------|
| Class I or A: | 0 - 25 | 450 or less |
| Class II or B: | 26 - 75 | 450 or less |
| Class III or C: | 76 - 200 | 450 or less |

BUILDING CODE CITATION FOR THE CLASSIFICATION SCHEME:

(1) 2021 edition, NFPA 101 Life Safety Code, para. 10.2.3.4

(2) 2021 edition, NFPA 5000 Building Construction & Safety Code, para. 10.4.2

(3) 2021 edition, International Building Code, para. 803.1.2

JR

Ver. 2021-03-09 10:35

Page 4 of 5

785

The results contained in this report relate only to the item(s) tested. The test report shall not be reproduced except in full, without written approval from SGS North America.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/terms-e-document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not excore a parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for a maximum of 45 days only.

DocuSign Envelope ID: 72B643D0-981C-4C5D-8AF0-9BE5EF82C13C

| SGS | | | | | | |
|-------------|---|---|---------------------------------------|--|--|-----|
| Tested For: | Jodi Sawyer Flexcon Company 1 Flexcon Industrial Park Spencer, MA 01562 USA | Phone: Fax: Mobile: PO#: Email: | (508) 826-2973 jsawyer@flexcon.com | Received: Completed: Code: Test Report: | 2/2/2024 2/7/2024 Z 3-54665-0 | |
| Key Test: | ASTM E84 (Int Fin) | | | | | 785 |

LIMITATIONS OF THE ASTM E84 CLASSIFICATION SCHEME: Most building codes will accept the ASTM E84 classifications when the interior finish product is used in a sprinklered area. Certain local authorities such as NYC have more stringent requirements, i.e. Smoke Developed ranges from a maximum 25 to 100.

If the interior finish product is a textile or vinyl wall covering used in a non-sprinklered area, the NFPA 265 room corner fire test applies.

Certain products which give off excessive heat such as but not limited to cellular plastics, cellular foam (either with or without coverings as applicable), polypropylene, and high density polyethylene should be tested by NFPA 286 - Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth. In SGS North America's opinion, the codes require NFPA 286 for such products, even in sprinklered areas.

CERTIFICATION: I certify that the reported results were obtained after testing specimens in accordance with the procedures and equipment specified above.

DocuSigned by:

2/9/2024

Test Engineer: Jimmy Rosinsky

AUTHORIZED SIGNATURE SGS NORTH AMERICA /sj /sp

Bobby Brown

F7FE1AA2EFE84EE...

Enclosure: Graphs



JR

Ver. 2021-03-09 10:35

Page 5 of 5

The results contained in this report relate only to the item(s) tested. The test report shall not be reproduced except in full, without written approval from SGS North America.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/terms-e-document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for a maximum of 45 days only.



Program: Steiner Tunnel (Version 1.0.3.0)

| Test Method | : ASTM E84 |
|-----------------------------------|---|
| Report # | : 3-54665-0-Z |
| Test Date | : 2/7/2024 |
| Client | : Flexcon Company |
| Operator | : Jimmy Rosinsky |
| Details of Preparation | The test specimen was self-stuck to 1/4" Inorganic Reinforced Cement (IRC) boards. The 24 ft. length was comprised of three 8 ft. sections butted end to end. |
| Observations | : No unusual observations |
| Results | |
| Area Under Flame Curve (ft min) | : 9.10 |
| Raw Flame Spread Index | : 4.69 |
| Ignition Time (mm:ss) | : 00:25 |
| Area Under Smoke Curve (%A min) | : 2.23 |
| Raw Smoke Developed Index | : 3.08 |
| Total Gas Flow (ft ³) | : 55.9 |
| Maximum Flame Front Achieved (ft) | : 1.0 @ 51s |
| Flame Spread Index | : 5 |
| Smoke Developed Index | : 5 |
| Material Classification | : A |
| | |

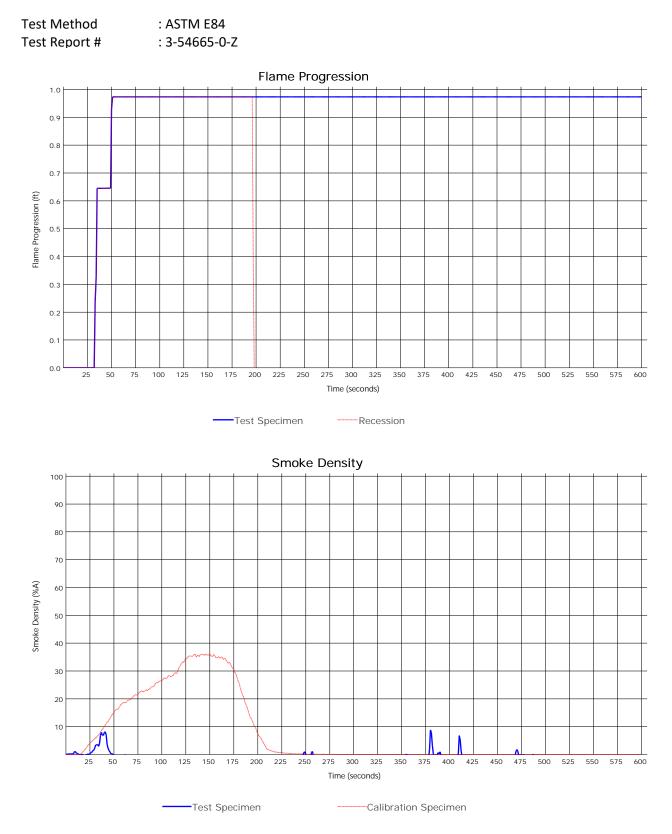
CERTIFICATION : I certify that the above results were obtained after testing the specimens in accordance with the procedures and equipment specified by ASTM E84

Jimmy Rosinsky

AUTHORIZED SIGNATURE



Program: Steiner Tunnel (Version 1.0.3.0)



96D Allen Blvd. | Farmingdale, NY 11735 | (631) 293-8944 | www.govmark.com