

Flexible DASH™ Rig Splatter Code Alert August 17, 2023

Versico's Code Alerts address issues pertaining to FM and UL, including industry updates, new approvals, and discussion of existing approved assemblies that may require additional clarification. The contents of each release will be customized to address specific field inquiries or to respond to unique market trends. Feedback concerning future topics is strongly encouraged.

Flexible DASH™ 'Rig' Splatter – FM Approvals

As part of Versico's testing program for high-performance and unique roofing system assemblies, the application of Flexible DASH Adhesive using the 'splatter' method is becoming a popular option when applied from the Predator, HULK, or Patriot Jr. Equipment Rig.

The following tables are categorized by deck/substrate type and intend to highlight the 'rig' splatter applications for both membranes and/or insulations and the Factory Mutual wind uplift ratings.

		Steel	Deck		
Membrane	Attachment	Top Insulation Layer	Attachment Per 4 x 8 Board (2)	Base Insulation Layer	Max. FM Rating
		Min. 1/2" SECUROCK [®] or DensDeck [®] Prime			
VersiFleece [®] membranes (TPO, PVC, or	Flexible DASH Splatter @ 4.7	Min. 2" DuraFaceR™	32 Fasteners	Min. 1.5" VersiCore or	1-270
KEE HP)	Ib./sq. (1)	Min 2" VersiCore [®] or SecurShield [®]		SecurShield	
		Min. 1/2" SecurShield HD	16 Fasteners		1-90

New Construction/Tear-Off Applications – Steel Deck (Membrane Application)

Note 1: Applied from the Predator, HULK, or Patriot Jr. Equipment Rig

Note 2: Refer to the published Versico Design References document for fastening pattern layouts

New Construction/Tear-Off Applications – Steel Deck (Insulation Adhesive Application)

		Steel Deck			
Membrane/Attachment	Top Insulation Layer	Top Insulation Attachment	Base Insulation Layer	Base Insulation Attachment	Max. FM Rating
Any FM Approved Versico membrane currently listed over the cover boards, or subsequent insulation layers listed in Top Insulation Layer	Min. 1/2" SecurShield HD, DuraStorm VSH, DensDeck Prime, or SECUROCK Min. 1-1/2" VersiCore or SecurShield	Flexible DASH Splatter @ 4.7 lb./sq. (1)	Min. 1-1/2" VersiCore or SecurShield	Fastened to steel deck with appropriate steel deck fasteners and rates based on FM approval	1-90

Note 1: Applied from the Predator, HULK, or Patriot Jr. Equipment Rig



		Structur	al Concrete Decl	k		
Membrane	Attachment	Top Insulation Layer	Attachment	Base Insulation Layer	Attachment	Max. FM Rating
		Min. 1/4" DensDeck Prime				1-780
VersiFleece membranes	Flexible DASH	Min. 2" VersiCore, SecurShield, or SecurShield HD Composite	Flexible DASH	Min. 1.5"	Flexible DASH	1-780
(TPO, PVC, or KEE HP)	Splatter @ 4.7 lb./sq. (1)	Min. 1/2" DuraStorm VSH	Splatter @ 4.7 lb./sq. (1)	VersiCore or SecurShield	Splatter @ 4.7 Ib./sq. (1)	1-780
		Min. 1/2" SecurShield HD or SecurShield HD Plus				1-315
		Min 1/4" SECUROCK				1-270

New Construction/Tear-Off Applications – Concrete Deck (Membrane Application)

Note 1: Applied from the Predator, HULK, or Patriot Jr. Equipment Rig

New Construction / Tear-Off Applications – Structural Concrete Deck (Insulation Adhesive Application)

		Concrete Deck			
Membrane/Attachment	Top Insulation Layer	Top Insulation Attachment	Base Insulation Layer	Base Insulation Attachment	Max. FM Rating
Any FM Approved Versico membrane currently listed over the cover boards, or subsequent insulation layers listed in Top Insulation Layer	Min. 1/2" SecurShield HD, or DuraStorm VSH, Min. 1/4" DensDeck Prime, or SECUROCK Min. 1-1/2" VersiCore or SecurShield	Flexible DASH Splatter @ 4.7 Ib./sq. (1)	Min. 1-1/2" VersiCore or SecurShield Min. 1" InsulFoam Type I, VII, IX, or II	Flexible DASH Splatter @ 4.7 Ib./sq. (1)	1-915 (max. rating)

Note 1: Applied from the Predator, HULK, or Patriot Jr. Equipment Rig

These assemblies can be viewed on the FM Approvals RoofNav website: <u>https://www.roofnav.com/Account/Login.</u> Please consult the Versico Project Review Group with questions concerning specific project warranty requirements.



Tips for finding Rig Splatter Application in RoofNav

A search for splatter for membrane attachment can be configured in RoofNav using the following "Securement" listing:

		He	lp • Support • `	Training		codes · My Profile	Reset Password	• Logou
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	Use · Privacy Policy	• Compatibility	© 20	05-2023 FM Approvals LLC. All	rights reserved.	Ē	Approvals	

Within the "Securement" layer, you can add the following information to narrow your search down to an acceptable number of listings:



CODE ALERT

ROJECTS	PRODUCT SEARCH	SYSTEM SEARC		MBLY SEARCH	DATINGS	CALCULATOR	LS 🔻 ? 🔻	
	PRODUCT SEARCH	SYSTEM SEARC	ASSE	MBLT SEARCH	RATINGS	CALCULATOR		
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