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Florida Edition Code Alert
August 4, 2020

To: Versico Roofing Systems' Independent Sales Representatives and Authorized Contractors

This Code Alert will be launched in the form of an electronic publication to bring awareness to new Florida code updates/approvals as they become available. When necessary, this communication will also be used to shed light on critical code-related issues that may impact the Florida market.

Feedback concerning future topics or issues is strongly encouraged.

Wind Uplift Testing for the Florida Market

As part of Versico's continuous testing program for the State of Florida, testing was recently conducted on various TPO, PVC, and VersiFleece® membrane assemblies targeting the re-roofing/recover market. These assemblies were tested over existing asphaltic roofing systems and incorporated options for new insulation, cover boards directly over the substrate, and membranes applied directly without insulation or cover boards.

The tables below highlight the various assemblies tested and are categorized by substrate type.

Recover Applications
Adhered Insulation, Adhered Membrane

Substrates: Existing granule surfaced BUR, smooth surfaced BUR, granule surfaced APP, SBS modified bitumen, smooth surfaced SBS modified bitumen, or gravel surfaced BUR (loose gravel removed)					
Base Insulation Layer	Attachment	Top Insulation Layer	Attachment	Membrane / Attachment	*MDP (psf)
(Optional) Min. 1-inch VersiCore MP-H® or SecurShield®	Flexible DASH™ or Flexible DASH Dual Tank 12-inch o.c. (6-inch o.c. for gravel BUR)	Min. 2-inch DuraFaceR® or SecurShield HD Composite	Flexible DASH or Flexible DASH Dual Tank, 12-inch o.c.	Min. 45-mil VersiWeld® membrane adhered using CAV- GRIP® 3V, Low-VOC or VersiWeld Bonding Adhesive	-145
Min. 1-inch VersiCore MP-H or SecurShield	Flexible DASH or Flexible DASH Dual Tank 12-inch o.c. (6-inch o.c. for gravel BUR)	(Optional) Min. 0.25- inch DensDeck® Prime or SECUROCK® Gypsum Fiber or min. 0.50-inch DuraStorm VSH™, SecurShield HD, or SecurShield HD Plus	Flexible DASH or Flexible DASH Dual Tank, 12-inch o.c.	Min. 100-mil VersiFleece or any VersiFleece PVC (min. 105-mil) adhered using Flexible DASH, Flexible DASH Dual Tank, or HydroBond Adhesive Min. 50-mil VersiFlex™ PVC, VersiFlex FRS PVC, or VersiFlex KEE HP membrane adhered using Low-VOC PVC Bonding Adhesive	-167
Min. 1-inch VersiCore MP-H or SecurShield	Flexible DASH or Flexible DASH Dual Tank 12-inch o.c. (6-inch o.c. for gravel BUR)	(Optional) Min. 0.25- inch DensDeck Prime or min. 0.50-inch SecurShield HD or SecurShield HD Plus	Flexible DASH or Flexible DASH Dual Tank, 12-inch o.c.	Min. 50-mil VersiFlex PVC or VersiFlex KEE HP adhered with HydroBond Adhesive	-167

*MDP = Maximum Design Pressure

**Recover Applications
Adhered Cover Board, Adhered Membrane**

Substrates: Existing granule surfaced BUR, smooth surfaced BUR, granule surfaced APP or SBS modified bitumen, smooth surfaced SBS modified bitumen, or gravel surfaced BUR (loose gravel removed)			
Cover Board	Attachment	Membrane / Attachment	*MDP (psf)
Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber or min. 0.50-inch DuraStorm VSH, SecurShield HD, or SecurShield HD Plus	Flexible DASH or Flexible DASH Dual Tank 12-inch o.c. (6-inch o.c. for gravel BUR)	Min. 45-mil VersiWeld membrane adhered using CAV-GRIP 3V, Low VOC or VersiWeld Bonding Adhesive Min. 100-mil VersiFleece TPO or any VersiFleece PVC (min. 105-mil) adhered using Flexible DASH, Flexible DASH Dual Tank, or HydroBond Adhesive Min. 50-mil VersiFlex PVC, VersiFlex FRS PVC, or VersiFlex KEE HP membrane adhered using Low-VOC PVC Bonding Adhesive	-302.5
Min. 0.25-inch DensDeck Prime or Min. 0.50-inch SecurShield HD or SecurShield HD Plus	Flexible DASH or Flexible DASH Dual Tank 12-inch o.c. (6-inch o.c. for gravel BUR)	Min. 50-mil VersiFlex PVC or VersiFlex KEE HP adhered with HydroBond Adhesive	

*MDP = Maximum Design Pressure

**Recover Applications
No Insulation or Cover Board, Adhered Membrane**

Deck Type	Substrate	Membrane	Membrane Attachment	*MDP (psf)
Steel	Existing granule surfaced BUR, smooth surfaced BUR, granule surfaced APP or SBS modified bitumen, or smooth surfaced SBS modified bitumen	Min. 100-mil VersiFleece TPO or any VersiFleece PVC (min. 105-mil)	Flexible DASH or Flexible DASH Dual Tank, 6-inch o.c.	-75
Structural Concrete			Flexible DASH or Flexible DASH Dual Tank, 6-inch o.c.	-177
Steel			Flexible DASH or Flexible DASH Dual Tank ** (FULL)	-135
Cellular Lightweight, Tectum, or Gypsum			Flexible DASH ** (FULL)	-177
Tectum			Flexible DASH ** (FULL)	-325
Gypsum			Flexible DASH Dual Tank ** (FULL)	-400
Structural Concrete			Flexible DASH Dual Tank ** (FULL)	-635

*MDP = Maximum Design Pressure

**FULL = Full spray or beads at 4-inch o.c. and splatter for Dual Tank

These new assemblies are contained in Table 7A of the Versico Florida Evaluation Reports referenced below. The reports are currently in Pending Approval status with the State of Florida and formal approval by the Florida Building Commission is expected in August.

Versico Florida Evaluation Reports

Zone	Versico TPO	Versico PVC
HVHZ	FL16443-R20	FL16442-R11
Non-HVHZ	FL14207-R24	FL14318-R14

These reports can be viewed on the Florida Product Approval website and should be referenced when confirming specific assembly requirements.

Florida Product Approval website: http://floridabuilding.org/pr/pr_app_lst.aspx.