



CRFC Code Approval Guide

Code Approval Guide

April, 2021

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**UL Approval - ANSI/UL 790 Spread of Flame Test (Class A)
Acrylic Coatings over PremiSeal/PremiR+**

Non-Combustible: Steel; St. Concrete; Gypsum; Tectum (Min. 2" thick)

System ID	Deck Type	SPF Thickness	Application Rate	Maximum Slope			
				SeamlesSEAL Acrylic	SeamlesSEAL HT Acrylic	SeamlesSEAL FR Acrylic	SeamlesSEAL QS Acrylic
1	Non-Combustible	Any thickness	3 gal/sq	1"	1.5"	Unlimited	2.75"

**UL Approval - ANSI/UL 790 Spread of Flame Test (Class B)
Acrylic Coatings over PremiSeal/PremiR+**

System ID	Deck Type	SPF Thickness	Application Rate	Maximum Slope			
				SeamlesSEAL Acrylic	SeamlesSEAL HT Acrylic	SeamlesSEAL FR Acrylic	SeamlesSEAL QS Acrylic
1	C 15/32	1" min*	3 gal/sq	0.75" (30lbs/sq Granules)	-	0.5"	0.25" (30lbs/sq Granules) *(1.5" min thickness of SPF)

Notes:

For full CRFC UL listing view UL ES Report R26705

Class A, B or C -Maintenance and Repair Systems-

C 15/32 Any UL Classified existing single-ply membrane roof covering system, to retain existing classification covered with:

SeamlesSEAL ULTRA LS, HS, HSLV @1.5 gal/sq

C 15/32 Any UL Classified insulated or uninsulated smooth surface BUR to maintain existing classification covered with:

PremiSEAL 40/60/70 or PremiR+ 40/60/70@ 1 in. minimum thickness

SeamlesSEAL, SeamlesSEAL HT Acrylic coating @ 3 gal/sq

NC Metal Roof or deck covered with: Unlimited Slope – Class A

SeamlesSEAL QS Acrylic Coating @ 2.5 gal/sq

C 15/32 Any Existing Class A uninsulated APP modified Bitumen or BUR capsheet membrane roof covered with:

SeamlesSEAL QS Acrylic coating with 2 or more plies of polyester fabric @7 gal/sq

Any of the Class A noncombustible roof deck Classifications may be used as Maintenance and Repair Systems when applied over an existing roof covering system and maintain the existing Class A, B or C Classification, providing a minimum 1-1/2 in. thickness of spray applied foamed plastic is utilized.

UL Approval - ANSI/UL 790 Spread of Flame Test (Class A)
Silicone Coatings over PremiSeal/PremiR+

Non-Combustible: Steel; St. Concrete; Gypsum; Tectum (Min. 2" thick)

System ID	Deck Type	SPF Thickness	Application Rate	Maximum Slope			
				SeamlesSEAL ULTRA LS	SeamlesSEAL ULTRA HS	SeamlesSEAL ULTRA HSLV	Hail Coat/SeamlesSEAL ULTRA LS
1	Non-Combustible	Any thickness	3 gal/sq	2" (25lbs/sq Granules)	2" (25lbs/sq Granules)	2" (25lbs/sq Granules)	2" (25lbs/sq Granules)
2	Non-Combustible	Any thickness	2.25 gal/sq	1"	1"	1"	1"
3	Non-Combustible	Any thickness	4gal-1.5gal/sq	0.5" (25lbs/sq Granules)	-	-	0.5" (25lbs/sq Granules) (rating impact 4)

UL Approval - ANSI/UL 790 Burning Brand/Intermittent Test (Class B)
Silicone Coatings over PremiSeal/PremiR+

System ID	Deck Type	SPF Thickness	Application Rate	Maximum Slope			
				SeamlesSEAL ULTRA LS	SeamlesSEAL ULTRA HS	SeamlesSEAL ULTRA HSLV	Hail Coat
1	C 15/32	2" min	2 gal/sq	1" (25lbs/sq Granules)	1" (25lbs/sq Granules)	1" (25lbs/sq Granules)	-
2	C 15/32	1" min	2 gal/sq	0.5" (30lbs/sq Granules)	0.5" (30lbs/sq Granules)	0.5" (30lbs/sq Granules)	-

Notes:

For full CRFC UL listing view UL ES Report R26705

Class A, B or C -Maintenance and Repair Systems-

C 15/32 Any UL Classified existing single-ply membrane roof covering system, to retain existing classification covered with:

SeamlesSEAL ULTRA LS, HS, HSLV @1.5 gal/sq

C 15/32 Any UL Classified insulated or uninsulated smooth surface BUR to maintain existing classification covered with:

PremiSEAL 40/60/70 or PremiR+ 40/60/70@ 1 in. minimum thickness

SeamlesSEAL, SeamlesSEAL HT Acrylic coating @ 3 gal/sq

NC Metal Roof or deck covered with: Unlimited Slope – Class A

SeamlesSEAL QS Acrylic Coating @ 2.5 gal/sq

C 15/32 Any Existing Class A uninsulated APP modified Bitumen or BUR capsheet membrane roof covered with:

SeamlesSEAL QS Acrylic coating with 2 or more plies of polyester fabric @7 gal/sq

Any of the Class A noncombustible roof deck Classifications may be used as Maintenance and Repair Systems when applied over an existing roof covering system and maintain the existing Class A, B or C Classification, providing a minimum 1-1/2 in. thickness of spray applied foamed plastic is utilized.

Factory Mutual Approvals
CRFC Roofing System

PremiSeal with Silicone and Acrylic Coatings New Construction

Spray Foam Insulation	SPF Thickness	Top Coat : Base Coat : Total coverage	Hail Rating	Wind Rating	SeamlesSeal Acrylic	SeamlesSeal HT Acrylic	SeamlesSeal ULTRA LS
					RoofNAV Number		
Steel Deck (Min. 22-Gauge) (washed with TSP/water)							
PremiSeal 251/281/301	1" min - 6" max	1.5 gal/sq : 1.5 gal/sq : 3 gal/sq total	SH	1-210	133034-50813-0	133034-50814-0	-
PremiSeal 60/70	1" min - 6" max	1.75 gal/sq : 1.75 gal/sq : 3.5 gal/sq total	MH	1-210	-	344632-344586-0	-
PremiSeal 60/70	1" min - 6" max	1.5 gal/sq : 1.5 gal/sq : 3 gal/sq total	SH	1-210	-	358254-.54933-0 (#11 Granules)	-
Concrete Deck							
PremiSeal 251/281/301	1" min. - 3" max	1.5 gal/sq : 1.5 gal/sq : 3 gal/sq total	SH	1-990	133033-50813-0	133033-50814-0	-
PremiSeal 60/70	1" min. - 3" max	1.75 gal/sq : 1.75 gal/sq : 3.5 gal/sq total	MH	1-990	-	344631-344586-0	-
PremiSeal 60/70	1" min. - 3" max	1.5 gal/sq : 1.5 gal/sq : 3 gal/sq total	SH	1-840	-	-	358258-354933-0 (#11 Granules)

FM Maintenance Roof Coatings

SeamleSEAL ULTRA LS, HS, HSLV Silicone Coatings

Over standing lap seam metal panel roof, CSPE/Hypalon single-ply roof, PVC single-ply roof, TPO single-ply roof, EPDM single-ply roof, Modified Bitumen

PremiSeal with Silicone and Acrylic Coatings Recover

Spray Foam Insulation	SPF Thickness	Top Coat : Base Coat : Total coverage	Hail Rating	Wind Rating	SeamlesSeal Acrylic	SeamlesSeal HT Acrylic	SeamlesSeal ULTRA LS
					RoofNAV Number		
Steel Deck with existing BUR (Max 3 ply) (Min. 22-Gauge)							
PremiSeal 60/70	1" min./max.	1.75 gal/sq : 1.75 gal/sq : 3.5 gal/sq total	MH	1-180	-	344625-344586-0	-
PremiSeal 251/281/301	1" min./max.	1.5 gal/sq : 1.5 gal/sq : 3 gal/sq total	SH	1-180	133029-50813-0	133029-50814-0	-
PremiSeal 60/70	1" min./max.	1.5 gal/sq : 1.5 gal/sq : 3 gal/sq total	SH	1-180	-	-	358244-354933-0 (#11 Granules)
Standing or Lap Seam Metal Roof							
PremiSeal 251/281/301	1" min./max.	1.5 gal/sq : 1.5 gal/sq : 3 gal/sq total	SH	1-90	214674-50813-0	214674-50814-0	-
Metal Faced Composite Panel Roof							
PremiSeal 60/70	1" min. - 3" max.	1.75 gal/sq : 1.75 gal/sq : 3.5 gal/sq total	MH	1-90	-	344628-344586-0	-
PremiSeal 251/281/301	1" min./ max.	1.5 gal/sq : 1.5 gal/sq : 3 gal/sq total	SH	1-90	133031-50813-0	133031-50814-0	-
PremiSeal 60/70	1" min. - 3" max.	1.5 gal/sq : 1.5 gal/sq : 3 gal/sq total	SH	1-90	-	-	358248-354933-0 (#11 Granules)
Concrete Deck with existing BUR (Max 3 ply)							
PremiSeal 60/70	1" min. - 3" max.	1.75 gal/sq : 1.75 gal/sq : 3.5 gal/sq total	MH	1-270	-	344629-344586-0	-
PremiSeal 251/281/301	1" min. - 3" max.	1.5 gal/sq : 1.5 gal/sq : 3 gal/sq total	SH	1-270	133032-50813-0	133032-50814-0	-
PremiSeal 60/70	1" min. - 3" max.	1.5 gal/sq : 1.5 gal/sq : 3 gal/sq total	SH	1-270	-	-	358250-354933-0 (#11 Granules)
Any Deck with existing BUR (Max 3 ply)							
PremiSeal 60/70	1" min. - 3" max.	1.75 gal/sq : 1.75 gal/sq : 3.5 gal/sq total	MH	1-180	-	344626-344586-0	-
PremiSeal 251/281/301	1" min./max.	1.5 gal/sq : 1.5 gal/sq : 3 gal/sq total	SH	1-180	133030-50813-0	133030-50814-0	-
PremiSeal 60/70	1" min. - 3" max.	1.5 gal/sq : 1.5 gal/sq : 3 gal/sq total	SH	1-180	-	-	358246-354933-0 (#11 Granules)

FM Maintenance Roof Coatings

SeamleSEAL ULTRA LS, HS, HSLV Silicone Coatings

Over standing lap seam metal panel roof, CSPE/Hypalon single-ply roof, PVC single-ply roof, TPO single-ply roof, EPDM single-ply roof, Modified Bitumen

Dade County (South Florida) Approvals

Deck Type	Acceptance #	Expiration
Wood	19-120951	Jan-25
Steel	19-120948	Dec-24
Structural Concrete	19-120950	Dec-24
Recover	19-120949	Dec-24
Acrylic Coating	19-120947	Dec-21
Silicone Coating	20-0723.01	Apr-23

Florida Product Approvals

Deck Type	Acceptance #	Product
Wood deck + base sheet	#FL27106.1 R2	PremiSeal 60, 70, RoofTite 60, 65
Wood deck + Securock	#FL27106.2 R2	PremiSeal 60, 70, RoofTite 60, 66
Steel deck	#FL26705.3 R2	PremiSeal 60, 70, RoofTite 60, 67
Concrete deck	#FL26705.4 R2	PremiSeal 60, 70, RoofTite 60, 68
Granulated BUR deck	#FL26705.5 R2	PremiSeal 60, 70, RoofTite 60, 69
Smooth Surface BUR deck	#FL26705.6 R2	PremiSeal 60, 70, RoofTite 60, 70
Gravel BUR deck	#FL26705.7 R2	PremiSeal 60, 70, RoofTite 60, 71
Various	#FL37994.1	SeamlesSEAL, HT, RoofTite Acrylic, HT Acrylic
Various	#FL37994.2	SeamlesSEAL ULTRA LS, HS, HSLV RoofTite LS, HS, HSLV Silicone

Texas Department of Insurance Product Approval – Rc476

The contents of this issue represent the applicable information available at the time of publication. The contents of older issues are no longer accurate due to subsequent changes.

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