

Intumescent Fireproofing Approved Primer List

December 2025

Primer (see footnote)	VOC (g/l)	A/D Firefilm III	A/D Firefilm III C	Firefilm IV	Thermo-Sorb VOC	Thermo-Sorb 263	Thermo-Sorb HB	Thermo-Lag E100	Thermo-Lag E100 S	Thermo-Lag 3000	Pyroclad X1
Carbocoat 115	419	2	2								
Carbocoat 115 VOC	340	2	2	2	2	2					
Carbocoat 150 UP	409	2	2	2	2	2					
Carbocoat 112	340	2	2	2	2	2					
Carbocoat 116	249	2	2	2	2	2					
Carboguard 193							1,8				
Carbocoat 8229	268	2	2	2	2	2		2	2	2	
Carbocoat 8239	335	2	2	2	2	2					
Sanitile 120	98	2,3	2,3	2,3	1,3						
Carbocrylic 3350	250	2,3	2,3	2,3							
Carbocrylic 3358	153	2	2	2	2	2					
Carbocrylic 3359 DTMC	44	1	1	1	1	1					
Carboguard E19							1				
Carboguard 553	80	1	1	1				1	1	1	
Carboguard 614	220						1				
Carboguard 616	179						1				
Carboguard 635	296	1	1	1	1	1	1,7	1	1	1	1
Carboguard 635 VOC	246	1	1	1	1	1	1,7	1	1	1	
Carboguard 819	452						1,7				
Carboguard 827							1,7				
Carboguard 880	238						1,7				
Carboguard 885	336						1,7				
Carboguard 890	214						1	1	1	1	1
Carboguard 893 SG LT	318	1	1	1				1	1	1	
Carboguard 893 SG	336	1	1	1	1	1	1	1	1	1	1
Carboguard 60	240	1	1	1	1	1		1	1	1	1,5
Carboguard 8922	335	1	1	1	1	1		1	1	1	
Carbomastic 94	120	1	1	1	1	1	1,7	1	1	1	1,5
Carbomastic 94 MC	95	1	1	1	1	1		1	1	1	
Carbomastic 94 TL	95	1	1	1	1	1	1,7	1	1	1	
Carbomastic 15	88				1	1	1,7	1	1	1	
Carbomastic 18 FC	120						1				
Carbomastic 242	327							1	1	1	
Carbomastic 615	172						1,7	1	1	1	1
Carbomastic 615 MC	96						9				
Carbozinc 655	360						1,6				
Carbozinc 858	318						1	1,5	1,5	1,5	1,5
Carbozinc 859	326	1	1		1	1	1,7	1	1	1	
Carbozinc 859 VOC	95				1					1	



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Rustbond	85	1,3,4	1,3,4	1,3,4				1,3,4	1,3,4	1,3,4	
Carbozinc 11 + Carboguard 893 SG	479 336							1	1	1	
Carbozinc 11 + Rustbond	479 85							1,4	1,4	1,4	
Carbozinc 11 HS + Carboguard 893	288 195										1,5

Footnote:

Only primers highlighted in yellow are approved.

1. Designates primers that require a minimum 24 hr. cure @ 70°F before applying intumescent fireproofing.
2. Designates primers that require a minimum 7 day cure @ 70°F before applying intumescent fireproofing.
3. Designates primers that can only be used as tie-coat primers under intumescent fireproofing.
4. Contact Carboline Technical Service before applying Rustbond for exterior applications.
5. Designates primer that is NORSOK tested and compliant.
6. Designates primer that is limited to 75 microns DFT maximum.
7. Designates primer that is limited to 125 microns DFT maximum.
8. For use over galvanized steel applied at 50 microns after suitable surface preparation.
9. Designates primer that is limited to 100 microns DFT maximum.