



Intumescent Fireproofing Approved Topcoat List

November, 2025

Topcoat (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 30	300	2	1,2,4		1,2						
Carbocoat 8215 VOC	336	2	2,4					2,4	2,4		
Carbothane 133 HB	383				2	2	1,2,3				3,5
Carbothane 133 LH	324						1,2,3				
Carbothane 133 VOC	157					2	1,2,3				
Carbothane 133 MC	97	2	2,4	2,4	2	2		2	2	2	
Carbothane 134 WB	95	2	2,4	2,4							
Carbothane 134 HG	264	2	2				1,2,3				3,5
Sanitile 155	250	1,2	1,2	1,2	1,2						
Sanitile 845	97	2,4	2,4	2,4	2,4			2,4	2,4	2,4	
Carbocrylic 3350	250	1,2	1,2	1,2	1,2						
Carbocrylic 3359	132	2	2		2						
Carbocrylic 3358	153			2							
Carbocrylic 3359 DTMC	100	2	2	2	2	2					
Carbocrylic 3359 MC	60			2							
Carboguard 1340	95				2	1,2		1,2,3	1,2,3	1,2,3**	
Carbothane 133HB	383					1,2					
Carboguard 1340	95					1,2					
Carbothane 133 VOC	157					1,2					
Carboguard 1340	95					1,2		1,2,3	1,2,3	1,2,3**	
Carbothane 133 MC	97					1,2					
Carboguard 1340	95					1,2					
Carbocrylic 3359	132					1,2					
Carbomastic 94	120							1,2,3	1,2,3	1,2,3**	3,5
Carbomastic 94 MC	95							1,2,3	1,2,3	1,2,3**	
Carbomastic 94 TL**	95							1,2,3	1,2,3	1,2,3**	
Rustbond / Carbothane 133 HB	85 383					1,2					
Rustbond / Carbothane 133 VOC	85 157					1,2					
Rustbond / Carbothane 133 MC	85 97					1,2					
Rustbond / Carbocrylic 3359	85 132					1,2					

Footnotes:

Only primers highlighted in yellow are approved.

1. Approved for interior general purpose - exposed to temperature and humidity fluctuations during changing construction conditions.
2. Approved for interior conditioned space - fireproofing is under constant heat; temperature and humidity do not fluctuate.
3. Approved for exterior ratings- exposed to the elements.
4. Approved topcoats tested for clean room applications - Consult Carboline Technical Service for specific details prior to application.
5. Designates topcoats that are NORSOK compliant (although Pyroclad X1 does not require a topcoat to pass NORSOK M-501 System 5A Rev. 6 environmental test program, an approved topcoat system shall always be specified to provide UV protection, color coordination, and added system durability).
6. All water-based topcoats used with A/D Firefilm III and A/D Firefilm III C must be spray applied.

**Carbomastic 94 TL is the UL Category XKXC2 Approved Topcoat for Fire Resistive Applications. Alternate topcoat systems may be used with certifications other than UL. See UL Designs for details.