



Intumescent Fireproofing Approved Topcoat List

January, 2021

Topcoat (see footnote)	VOC (g/L)	A/D Firefilm III	A/D Firefilm III	Firefilm IV	Thermo- Sorb VOC	Thermo- Sorb 263	Thermo- Lag E100	Thermo- Lag E100 S	Thermo- Lag	Thermo- Lag 2000	Thermo- Lag 440	Pyroclad X1
Carbocoat 30	300	2	1,2,4		1,2							
Carbocoat 8215 VOC	336	2	2,4				2,4	2,4	2,4	2,4	2,4	
Carbothane 133 HB	383				2	2						3,5
Carbothane 133 LH	324				2							
Carbothane 133 VOC	157					2						
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									3,5
Sanitile 155	250	1,2	1,2	1,2	1,2							
Sanitile 655	335											
Sanitile 845	97	2,4	2,4	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							
Carbocrylic 3358	153			2								
Carbocrylic 3359 DTM	217				2	2						
Carbocrylic 3359 DTMC	100			2	2	2						
Carbocrylic 3359 MC	60			2								
Carboguard 1340	95				2	1,2	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3	
Carbothane 133HB	383											
Carboguard 1340	95					1,2						
Carbothane 133 VOC	157											
Carboguard 1340	95					1,2	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3	
Carbothane 133 MC	97											
Carboguard 1340	95					1,2						
Carbocrylic 3359	132											
Carbomastic 94	120	2	2	2			1,2,3	1,2,3	1,2,3	1,2,3	1,2,3	3,5
Carbomastic 94 MC	95			2			1,2,3	1,2,3	1,2,3			
Carboguard 890 VOC	100					2						
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:

- (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).

* All water based topcoats used with A/D Firefilm and A/D Firefilm III C must be spray applied.