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Specification Sheet

Intumescent Specification **FX6002c**

Steelwork

New Construction

Environment ISO 12944:
C4 - Industrial Areas and Chemical Plants

Durability (Life to First Major Maintenance): C4 - High - 15 to 25 years
By increasing the Acrolon topcoat dft to 150 microns (applied as multiple coats), the durability will be *Very High >25 years.*

Surface Preparation: Blast Clean to Sa2½ BS EN ISO 8501-1:2007 - Surface Profile between 50 - 75µm

Coat	Product	Product Type	Film Thickness µm		TSR	Volume	Mixing	Pot Life
			Dry	Wet	(sqm/ltr)	Solids %	Ratio	23°C
1st	FIRETEX® C69	Epoxy Blast Primer	25	61	16.4	41	3 : 1	7 hrs
2nd	FIRETEX® FX6002	Ultra Fast Drying Intumescent	At specified film thickness*			92	See Data Sheet	15 mins
3rd	Acrolon® 7300 Gloss or Semi-Gloss	Acrylic Polyurethane	75	111	9.1	68	10 : 1	2 hrs

TSR = Theoretical Spread Rate

Product Code	Colour	Touch Dry 15°C	Recoat 15°C	Touch Dry 23°C	Recoat 23°C	Thinners / Cleansers	Pack Size	Product Information
C69	Red Oxide	15 mins	40 mins	10 mins	15 mins	No. 5 for Thinning and Cleaning	20 & 5 ltr	C69 Data Sheets and Information
FX6002	Light Grey	1 hr	1½ hrs	45 mins	1 hr	No.9 for Cleaning Only	36 ltr	FX6002 Data Sheets and Information
7300	Wide Range	4 hrs	9 hrs	1 hr	7 hrs	No.15 for Thinning - No. 5 for Cleaning	20 & 5 ltr	7300 Data Sheets and Information

D.F.T = Dry Film Thickness

***The dry film thickness of the FIRETEX® product is dependent on the size, shape and orientation of each section. Once structural drawings are obtained, Sherwin-Williams® Fire Engineering and Estimation Team can determine an accurate take-off.**

Notes:

1. A limited range of Sherwin-Williams® alternative approved topcoats are authorised, please contact Technical Customer Support
2. Durability should be considered as the fire protection design life, where regular minor maintenance should be scheduled to achieve the required life to first major maintenance
3. FX6002 is not suitable for permanent water immersion, but will withstand water contact that can be expected to be encountered under atmospheric exposure on structural steelwork in the given corrosivity category.
4. Certification available from Sherwin-Williams® Technical Customer Support.
5. The compatibility of alternative primers should be confirmed with Sherwin-Williams® Technical Customer Support.
6. All materials should be obtained from Sherwin-Williams® and must be applied in accordance with our technical data sheets.
7. All maintenance periods assume no abnormal service conditions and that areas of damage are repaired before the onset of localised breakdown. Whilst we recommend FX6002RK in the first instance for remedial works, other options may also be viable. Please see FX6002 Repair Guidance Application Manual available from Technical Customer Support.
8. This specification is offered as guidance only. To ensure that the most appropriate materials are used, please contact Sherwin-Williams® with the project details.