



FIRETEX® FX6002

Specification Selector

Cellulosic Fire Protection for Mild Steel

Service Environment	No.	Materials	Dry Film Thickness	Durability
Heated buildings with clean atmospheres C1 – Very Low Corrosivity Unheated buildings where condensation may occur (including most cavities) C2 – Low Corrosivity	FX6002a	FIRETEX® C69 ¹ FIRETEX® FX6002* FIRETEX® M71V2 ²	25 * 60	Life of Building ²
Urban atmospheres with moderate sulphur dioxide pollution. Production rooms with high humidity and some air pollution. C3 – Medium Corrosivity	FX6002b	FIRETEX® C69 ¹ FIRETEX® FX6002* FIRETEX® M71V2 ³	25 * 75	Up to 20 years ³ see below for increased durability option
Industrial areas and chemical plants, swimming pools etc. C4 – High Corrosivity	FX6002c	FIRETEX® C69 FIRETEX® FX6002* Acrolon™ 7300 Gloss or Semi-Gloss ⁴	25 * 75	15- 25 years ⁴ see below for increased durability option
Industrial areas with high humidity and aggressive atmosphere and coastal areas with high salinity. Buildings or areas with almost permanent condensation and with high pollution C5 - Very High Corrosivity	FX6002d	FIRETEX® C69 FIRETEX® FX6002* Acrolon™ 7300 Gloss or Semi-Gloss	25 * 150 ⁵	15-25 years

C1 - Low... ISO12944-2:2017 Corrosive Categories

FX6002a... Sherwin Specification Number

* The dry film thickness of the FIRETEX FX6002 is dependent on the size, shape and orientation of each section. Supplied with this information, Sherwin-Williams Fire Engineering & Estimation Team (FEET) can determine an accurate take-off. Please ask about our BIM capabilities.

This Specification is specifically subject to the disclaimer which can be found at <http://protectiveemea.sherwin-williams.com/Home/Disclaimer>



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¹ A primer is not necessary for environments up to and including C3. If a primer is used, it must be approved after having been evaluated for use with FIRETEX® FX6002. A range of primers have been evaluated for use with FIRETEX®, please contact Sherwin-Williams Technical Customer Support Team.

² If it can be guaranteed that in-service conditions will be in a C1 or C2 environment as defined in ISO 12944-2:2017, then the topcoat is optional. However, if a topcoat is not used in a C2 environment the durability will be reduced to "up to 20 years".

³ By changing the topcoat to Acrolon 7300 @ 75 microns dft, the durability will be increased to > 25 years

⁴ By increasing the Acrolon 7300 to 150 microns dft, applied as multiple coats, the durability will be increased to > 25 years

⁵ Multiple coats will be required to achieve this DFT; the number of coats will be dependent on the method of application. It is recommended the coats be in contrasting shades in order to aid visual inspection.

Only Sherwin-Williams tested & approved top sealer coats can be used over FIRETEX Intumescent, one of which is Envirolastic 2500 Polyaspartic. Please contact Sherwin-Williams Technical Customer Support Team for details/specifications.

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.

Maximum Service Temperature for FIRETEX FX6002 is 70°C. At temperatures in excess of 40°C thermoplasticity may be observed leaving the material more susceptible to mechanical damage. Temperatures greater than 30°C in conjunction with high relative humidity may reduce the durability of the system, consult Sherwin-Williams Technical Customer Support Team for further advice.

When determining the environmental category the specifier must consider that certain structures and/or locations can produce a micro climate which is more corrosive than that of the surrounding environment. This can be the case with open sided buildings including car parks.

Technical Customer Support team can be contacted by email or phone: Email: technicale@sherwin.com, Phone: 01204 556 457

The information detailed in this specification selector is liable to modification from time to time in the light of experience and of normal product development. Before using, customers are advised to check with Sherwin-Williams, quoting the issue number, to ensure that they possess the latest issue.

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