

WeatherSeal

Sealer coat for Fireshield® steel intumescent during construction.

PRODUCT INFORMATION

DESCRIPTION

Fireshield® WeatherSeal is a single pack, aluminium filled sealer coat formulated to protect the following Fireshield structural steel intumescent coatings from rain or mechanical damage during construction or transportation of pre-painted steel structures:

- Steel 1001
- Steel 1002
- Fireshield® SQ476

Fireshield® WeatherSeal can be top coated if required.

CONDITIONS OF USE

Fireshield® WeatherSeal is an industrial product and can only be applied by Fireshield Registered Applicators.

This product provides protection from the weather during construction for **up to 6 months** to steel beams and columns coated with Fireshield® structural steel intumescent products.

The durability period above relies on the intumescent coating being fully dry before it is exposed to any weathering. It is also essential that any coated steel members do not have prolonged contact with water/ moisture, e.g. ponding or running water, even with a polyurethane topcoat applied.

PERFORMANCE

- Excellent Adhesion.
- Single Pack.
- Excellent Durability.
- Can be overcoated with acrylics alkyds, vinyls and some urethanes.
- High Build.

APPLICATION

- The intumescent surface to be coated is completely clean and dry. Remove all dust, oil, grease, loose material or other contaminants .
- The product is occasionally stirred while using.
- Application occurs using suitable equipment for the substrate, working conditions and desired finish.

APPLICATION ENVIRONMENT

During application and drying ensure that:

- The air temperature is above +10°C and below +35°C.
- The relative air humidity level is below 75%.
- The area is well ventilated with constant air flow.

During application or drying protect from wetting/moisture/condensation and human impact.

DRYING TIMES

At a minimum air temperature of 20°C and relative air humidity of 50% the following drying times are applicable:

- **Touch Dry** 40 minutes
- **Hard** 4-5 hours

NOTE: Dry times may be lengthened by poor air flow and environmental conditions differing from those listed above, which are a guide only.

It is the user's responsibility to check that you have the latest technical datasheet available by visiting fireshieldcoatings.com or checking with your local Fireshield Representative as the information contained in this technical data sheet is modified from time to time in line with our policy of continuous product development. The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) are correct to the best of our knowledge, Fireshield has no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. Fireshield hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. You should request a copy of this document and review it carefully.

TECHNICAL INFORMATION

Vehicle Type	Acrylic Modified Alkyd
Pigment Type	Aluminium Flake
Solvent	Aromatic
Gloss Level	Very Low Sheen
Volume Solids	60%
Colours Available	Aluminium Silver
Recommended DFT	50-70microns per coat DFT
Theoretical Coverage	10.4m ² /litre @ 50 microns DFT
Number of Coats	One (Double Head Coat)
Abrasion Resistance	Very Good
Solvent/Chemical Resistance	Excellent
Heat Resistance	Up to 85°C (Dry Heat)
Durability	Excellent
Thinning and Clean up	Fireshield® WeatherSeal thinner
Pack Sizes	20 litre - 10 litre - 4 litre
Gloss Level	Very Low Sheen
Volume Solids	60%
Colours Available	Aluminium Silver

STORAGE CONDITIONS

Recommended storage conditions:

- Store at a temperatures above +5°C and below +35°C
- Store indoors and undercover in temperate conditions.
- Store away from direct sunlight, do not expose to extreme heat.
- Do not allow to freeze.
- Keep containers closed when not in use.
- **Keep out of reach of children**

LIMITATIONS

- Spray Application is preferred application as brushing can prove difficult.
- **WeatherSeal** is designed for outdoor exposure but it cannot however be subjected to continuous and full immersion in water. Good surface preparation is recommended.

SHELF LIFE

12-months at +25°C if stored in original sealed containers under recommended storage conditions listed on this TDS.

SUPPLIER : Fireshield®

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