

FIRESHIELD + Green Star

Green Star is a pioneering environmental rating system for buildings in New Zealand, Fireshield intumescent products can be used for Green Star credits.

To accumulate Green Star points, project Specifiers are required to furnish documented evidence demonstrating that the product, method, or service satisfies the Green Star specifications.

The following Fireshield® products have been approved for use in obtaining Green Star rating points. When considering intumescent coating options for Green Star, the program places significant emphasis on the level of VOCs (volatile organic compounds) and requires independent verification.

Intumescent coatings are classified under acoustic sealants, architectural sealant, waterproofing membranes and sealant, fire retardant sealants and adhesives with a TVOC limit of 250g/L.

The Green Star program only considers paint products that are applied on-site, off-site paint products are excluded from obtaining credits.

Fireshield® Timber Coatings

Fireshield® interior timber intumescent coatings providing Group1-S / Group-1 surface ratings:

Fireshield® Product	Fire Rating	Colour	Test Method	TVOC	TDS Reference
TimberWhite	Group 1-S	Pigmented White	ISO Method 11890-2	39 grams/litre	TD-FSTWAUNZ
TimberOne	Group 1-S	Semi Transparent	ISO Method 11890-2	36 grams/litre	TD-FSTOAUNZ

Fireshield® Steel Coatings

Fireshield® steel intumescent coatings providing up to 180 minutes FRR on site or off site application:

Fireshield® Product	Fire Rating	Type	Test Method	TVOC	TDS Reference
Steel 1001	> 60mins FRR	Waterborne 1K	ISO Method 11890-2	35 grams/litre	TD-FS1001AUNZ
Steel 1002	> 120mins FRR	Waterborne 1K	ISO Method 11890-2	40 grams/litre	TD-FS1002NZ
Fireshield 471KS	> 180mins FRR	Waterborne 1K	ISO Method 11890-2	<1 grams/litre	TD-FS471KS
Fireshield 920KS	> 120mins FRR	Epoxy 2-pack	ISO Method 11890-2	27 grams/litre	TD-FS920KS