

Interchar® 2090

Thin film intumescent coating optimized for up to 120 minutes fire resistance to structural steelwork

As part of the Interchar® range for cellulosic fire protection, Interchar® 2090 will help maintain your architectural aesthetics whilst providing fire protection for up to 120 minutes for columns, I-sections, cellular beams and hollows.

Suitable for on and off-site application, Interchar® 2090 is also tested to the highest standards.

- Solvent borne intumescent coating with excellent durability and aesthetic protection
- Thin film intumescent coating with excellent productivity benefits
- Designed to suit both on-site and off-site applications
- Rapid drying times for fast handling and throughput
- Single pack, user friendly product for single leg airless spray application
- Can be applied up to 1,500µm (60 mils) dry film thickness (DFT) in a single application
- Tested and certified for cellular beams in accordance with the ASFP Yellow Book 5th Edition
- “C” version available offering greater water resistance up to six months by using higher durable pigmentation



Interchar 2090 Fireproofing without compromising aesthetics

Supported by over 40 years expertise in fire protection, Interchar® 2090 has been formulated in AkzoNobel's world class fire testing facility in the UK.

- Interchar® 2090 has been carefully formulated, independently tested, assessed and certified for application onto columns, I-sections, cellular beams and hollows
- Third party certification has been achieved under a scheme that ensures consistency in formulation and manufacture irrespective of location

Fire protection with aesthetic appeal

Designed to allow fireproofing without compromising aesthetic appeal, Interchar® 2090 has multiple benefits.

- Low film thickness required to provide the necessary fire protection
- Applied as a thin layer, it does not compromise the intricate shapes
- A version with greater water resistance Interchar 2090 white C is available to remain untopcoated for up-to six months exterior exposure (conditions apply).

Interchar® 2090 has been tested to the ASFP protocol which allows it to protect beams with web openings. Testing to this protocol means that optimized dry film thicknesses can be specified for beams with circular, rectangular and castellated openings.

Approvals

STANDARD

BS 476 Parts 20-21: Fire resistance of elements of construction

BS 476 Part 6: Fire propagation for products

BS 476 Part 7: Classification of the surface spread of flame of products

Interchar® 2090 benefits from a detailed and documented development and testing process, and its manufacture is controlled to the highest standards.

This product has been developed in a controlled ISO 9001 Quality Approved laboratory environment. It has been tested in a UKAS approved laboratory and is manufactured to ISO 9002. International® makes no representation that the exhibited published test results, or any other tests, accurately represent results actually found in all field environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection, verification of performance and use of the coating(s).

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Interchar® 2090 being applied to an I-section

Tested to the highest standards

Interchar® 2090 benefits from a detailed and documented development and testing process, and its manufacture is controlled to the highest standards.

- Third party certified by Certifire



The Certifire system involves type testing and audit testing for fire and non-fire performance together with factory production control. It is important to know that the products supplied and installed will provide the same level of performance as that initially tested.

Typical uses

Interchar® 2090 is designed to protect columns, I-sections, cellular beams and hollows from the effects of fire, while maintaining architectural aesthetics for commercial infrastructure assets including:

- Airports
- Stadia and leisure facilities
- Office buildings
- Retail complexes
- Hospitals

One supplier, one solution

Project construction aspects, and client aesthetic requirements, may require the use of both a primer and colored topcoats.

You can have confidence in the International® coatings range because we test complete systems and can offer a single point of supply and support.