

# Interchar 1120

## Thin film water-borne intumescent coating optimized for 90 and 120 minutes fire resistance

As part of the Interchar<sup>®</sup> range for cellulosic fire protection, Interchar<sup>®</sup> 1120 will maintain your architectural aesthetics for fire resistance periods up to 120 minutes on structural steelwork.

Tested and approved to the highest standards, Interchar<sup>®</sup> 1120 is another reason to choose AkzoNobel as your fire protection supplier.

- Approved to a wide range of fire standards
- Third party Certifire approval
- Tested for surface spread of flame, smoke development and toxicity levels
- Compatible with a wide range of primers and a full topcoat color range including water-borne options
- Suited to on-site application
- Fast drying characteristics for excellent productivity
- Single pack product for fast and easy single leg airless spray application
- High solids, low odour, zero volatile organic compound (VOC) formulation\*



# Interchar 1120

## Fireproofing without compromising aesthetics

Interchar® 1120 has been developed using proprietary technology specifically to meet the need for a more sustainable approach to architectural fire protection.

- Interchar® 1120 development, testing and manufacture meets the highest standards and has been independently verified

### Fire protection with aesthetic appeal

Interchar® 1120 has been designed to allow fireproofing without compromising aesthetic appeal:

- Competitive dry film thicknesses
- Applied as a thin layer, it does not compromise intricate designs and shapes created from the structural steel
- Easy over-coating with a wide range of colored finishes

### Approvals

BS 476 Parts 20-21: Fire Resistance of Elements of Construction

AS 1530.4: Fire Resistance Test of Elements of Construction

UL 263: Fire Tests of Building Construction and Materials

GB 14907: Guobiao - Chinese National Standard

Interchar® 1120 is undergoing continual testing and approvals. Please contact your local AkzoNobel representative for an up to date listing.

### Testing to the highest standard

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 those tested.

- Third party certified by Certifire



Interchar® 1120 has been tested to the ASFP protocol to account for beams with web openings. This permits optimized dry film thicknesses to be specified for beams with circular, rectangular and castellated openings.



Victoria Hospital, Scotland

### Typical uses

Provides intumescent fire protection to structural steelwork while maintaining architectural aesthetics for commercial infrastructure assets including:

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

### 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 AkzoNobel and its International® range due to our commitment to testing complete systems and offering a single point of supply and support.

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 Paint 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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