

ZEROF^{flame}

CLASS '0' FIRE RETARDANT PAINT

Description

Zeroflame Fire Retardant Paint is a water-based intumescent paint providing flamespread and fire propagation protection for internal timber surfaces.

Use

Tested to BS 476 Parts 6 & 7 (1987), Zeroflame Fire Retardant Paint can be used on its own or in conjunction with other latex paints to achieve Class 1 and Class 0 fire protection on wood and wood derived surfaces, in compliance with Building Regulation requirements.

Appearance

Zeroflame Fire Retardant Paint gives a matt white finish but may be overcoated with latex or acrylic paints to give a wide range of colour and finish alternatives including distressed finishes.

Coverage

3.7m² / litre (wet film thickness: 325microns, dry film thickness: 230 microns).

Number of Coats

The number of coats depends on the desired finish, the substrate and the application method. When used on its own Zeroflame Fire Retardant Paint can be applied in one coat by spray, but when used with other paints, especially gloss, two coats are recommended, thinning and sanding between coats being permitted provided the total dry film thickness of Zeroflame Fire Retardant Paint is maintained. Do not apply more than 3 coats of colour finish at any time.

Surface Preparation

As this product is intended to restrict the spread of fire, care should be taken to ensure good preparation. Surfaces to be coated must be thoroughly clean, dry and free from oil, grease, dust, etc. When overcoating existing paints any evidence of delamination between existing coats or between existing paint and the substrate indicates that the surface is unsuitable for overcoating and that all existing paints must be removed. Existing coatings, if found to be suitable, should be thoroughly abraded and all dust and debris removed. Absorbent surfaces, such as fibre insulation board, should be primed with a thin coat of Zeroflame Fire Retardant Paint in addition to the full specification.

Method of Application

Zeroflame Fire Retardant Paint can be applied by brush, roller or spray, the latter two methods being most appropriate for large flat areas. Stir thoroughly before and during use and ensure containers are sealed when not in use.

Drying Time

Overcoating minimum: 8 hours at +20°C and 65% relative humidity. Lower ambient temperatures and higher R.H. will retard curing.

Thinning & Cleaning

Zeroflame Fire Retardant Paint may be thinned with up to 5% water to facilitate application. Clean all equipment with water immediately after use.

Site Conditions

Application should not be attempted in any of the following circumstances:

- Surface temperature: below +10°C
- Ambient temperature: below +10°C
- Surface moisture content: above 15%
- Relative humidity: exceeding 70%

Restrictions to use

Zeroflame Fire Retardant Paint should not be used on surfaces exposed to external conditions or to frequent exposure to moisture. If there is risk of moisture penetration from the untreated side of the substrate, the reverse side should be sealed with a moisture resistant membrane. When overcoating use only latex or acrylic paints. Zeroflame Fire Retardant Paint is unsuitable for furniture or areas subject to abrasion and wear. Adhesion and performance on anything other than untreated timber cannot be guaranteed.

Safety Precautions

General safety precautions for paints should be observed.

KEEP OUT OF REACH OF CHILDREN.

Do not allow seepage into drains or water courses or spillage on soil.

Technical Data

Flash Point: Nil

Specific gravity: 1.31

Danger Class: Not applicable

Shelf Life: 6 months in unopened containers.

PROTECT FROM FROST.