



## DURAFLEX-FR

### WATER BASED FLAME RETARDANT COATING

#### PRODUCT DESCRIPTION

**DURAFLEX-FR** is a specially formulated water based coating suitable for the protection of flexible thermal insulation materials against sunlight, U.V radiation and chemical attack. To increase resistance to damage the coating may be further strengthened by sandwiching a glass fibre mesh between two coats of **DURAFLEX-FR**.

#### PRODUCT ADVANTAGES

- Water borne and hence user friendly, easy to apply.
- Due to incorporation of broad spectrum fungicide it does not allow any fungal growth.
- Non Smelling, Non Yellowing.
- Good stain resistance.
- U.V resistance
- Retards flame spread.

#### GREEN BUILDING COMPLIANCE

This product has following distinct advantages:

- Water-based Wall Coatings which conform to the Indian Green Building Council (IGBC) limits of permissible Volatile Organic Content (VOC).
- Hygienic and environment friendly
- Easily cleanable
- Antifungal
- Antimicrobial
- Non Smelling
- Low maintenance
- Free of allergens and without carcinogens, it is one of the most eco-friendly exterior wall coatings.
- This paint acts like an insulator for the exterior wall providing long lasting protection against UV degradation and atmospheric pollution.
- LEED compliant
- Ideal for use in Green Building

#### APPLICATION AREAS

- Flexible thermal insulation materials.
- Cables.
- Any other combustible surfaces.

#### PRODUCT SPECIFICATIONS

Method of Application: Brush/Roller

Drying Time:

Surface Dry 1 hour

Hard dry 3 hours

No. of coats recommended: 2 coats

Coverage : 5-6 m<sup>2</sup>/kg per coat depending on porosity, roughness, substrate conditions and also method of application.

Dry Film Thickness: 90-100 micron at the above spread rate

Solids content : 60 ± 2%w/w 42 ± 2 v/v

Specific gravity : 1.35

#### SURFACE PREPARATION

The surface should be clean, dry and free from any oil, grease, organic growth and other extraneous substances that may affect adhesion and cure.

#### APPLICATION OF COATING

**DURAFLEX-FR** should be applied on properly cleaned substrate using brush and roller. Apply minimum two coats or till proper finish is achieved.

To increase resistance to damage the coating may be further strengthened by sandwiching a glass fibre mesh between two coats of **DURAFLEX-FR**.

#### SHELF LIFE

**DURAFLEX FR** has a shelf life of 6 months if kept in warehouse conditions at 30 °C in the original, unopened pack.

#### STORAGE CONDITIONS

Store in dry conditions between 5°C and 30°C, away from sources of heat and naked flames, in the original, unopened packs. If stored at high temperatures the shelf life will be reduced.

APURVA INDIA LIMITED

New Udyog Mandir No. 2, Office No. 2, 2nd floor, 7-C, Pitambar Lane, Mahim (W), Mumbai - 400 016, India.

Tel.: 91-22-24475051 | Fax: 91-22-24475056 | Website: www.apurvaindia.in





### CLOUR SHADES

Standard white, Grey and other pleasing shades.

### SPECIAL INSTRUCTIONS

Stir the contents of the drum thoroughly to disperse the settled matter before use.

Ensure that areas where coating work is being carried out are properly ventilated.

### HANDLING & SAFETY

Keep the containers tightly sealed when not in use. Avoid skin contact and inhalation of fumes (if any). While spraying it is advised to wear a mask. If it comes in contact with the body, wash affected parts with plenty of water. In case of persistent irritation, contact a physician. It is advised that the workmen use protectives like gloves, goggles etc

**Disclaimer:** *The manufacturer reserves the right to change the specifications. Apurva India Limited products are guaranteed against material manufactured and are sold subject to the company's Terms and Conditions of Sale. Whilst we endeavour to ensure that advice, specifications, recommendations and information given is correct, we cannot have control over how our products are applied and will not accept liability, directly or indirectly, arising from application of our materials.*

**APURVA INDIA LIMITED**

New Udyog Mandir No. 2, Office No. 2, 2nd floor, 7-C, Pitambar Lane, Mahim (W), Mumbai - 400 016, India.

Tel.: 91-22-24475051 | Fax: 91-22-24475056 | Website: [www.apurvaindia.in](http://www.apurvaindia.in)

