



# 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.

### APPLICATION AREAS

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

### PRODUCT SPECIFICATIONS

Method of Application.....	Brush/Roller.
Drying Time.....	1Hr.(Surface Dry) , 3 Hrs.( Hard Dry)
No. of coats recommended.....	2 Minimum
Coverage.....	5-6Sq. Mts./kg per coat depending on porosity, roughness substrate conditions and also method of application.
Dry Film Thickness.....	90-100 $\mu$ at the above spread rate
Solids content.....	60 $\pm$ 2%w/w 42 $\pm$ 2 v/v
Specific gravity.....	1.35.
Shelf life.....	Minimum 6 months if sealed drum is not opened.
Colour shades.....	Standard white, Grey and other pleasing shades
Packing Size.....	25 kg.

### 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**.

### SPECIAL INSTRUCTIONS

1. Stir the contents of the drum thoroughly to disperse the settled matter before use.
2. Ensure that areas where coating work is being carried out are properly ventilated.
3. It is advised that the workmen should use protectives like gloves, goggles etc.

*The manufacturer reserves the right to change the specifications. Apurva India Limited products are guaranteed against material manufacture and are sold subject to 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.*

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