

# PLEZFRET 30



## FIRE RETARDANT CHEMICAL

### Description

PLEZFRET 30 is a fire-retardant chemical, specifically developed to resist plywood from ignition by reducing rate of flame spreading and thus allows increased escape time for personnel trapped in a fire accident (IS 5509).

### Features/ Benefits

Boron, cresol, antimony and heavy metal free chemical.

Room temperature dipping process.

No extra water for rinsing hence no need of effluent treatment. No hazardous chemicals in the formulation.

### Typical Properties

Appearance : Colourless to pale yellow liquid

Specific gravity at 25 °C : 1.21– 1.25

pH : 6.0 – 8.0

### Process sequence

1. Core Veneer treatment in MAP/DAP solution.
2. Drying.
3. Making plywood using treated veneers.
4. CCB/CCA treatment (IS 12120).
5. Drying treated veneers.
6. Applying face veneer
7. Dipping as-formed plywood in PLEZFRET 30 bath.
8. Drying
9. Inspection
10. Packing

### Application Parameters

#### Conc. of PLEZFRET 30

(in bath) :  $17 \pm 2\%$  w/v Temperature of the solution : 25 °C to 50 °C Time of immersion :  $30 \pm 2$  s  
Diluent : Water

### Consumption Idea

PLEZFRET 30 : 100 – 200 g

No. of plywood : 01

Plywood dimension : 2440 mm x 1220 mm x 19 mm Note : Consumption varies depending on application, plant parameters and thickness of the plywood.

### GENESIS INTERNATIONAL

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