



# FIRE RETARDANT PLYWOOD

# FIERY FORCE

Solitaires possess a compact structure to fence against any evils. Be it the pressure of any kind, heat or fire or application of any other force. Garnet Fire Retardant Plywood is the latest entry in the diverse range of products from Garnet. Result of visionary research and development at Garnet, it offers extensive protection against fire. It is much safer than other products as it considerably diminishes the impact of fire.

The plywood is treated with superior quality chemicals capable of retarding fire. They diminish the rate at which fire spreads or invades the surface of plywood. Henceforth, in the face of mishap, the plywood maintains its basic constitution for a longer duration in contrast to other building materials. Garnet Fire Retardant Plywood has its applications in Kitchens, Aerodromes, Petrol Pumps, Multi-storey buildings and Laboratories.

## TECHNICAL SPECIFICATIONS (IS:5509;2000 BWP)

S.No.	Test	ISI Requirement	Observed Value
1	Moisture Content	5% - 15%	8%
2	Dimension	Length +6mm, Width +3mm Thickness ->6mm +-5%, <6mm +-10%	With in limit
3	Fire Retardant Test		
a.	Flammability Test	Time taken for second ignition shall not be less than 30 minutes	24 Minutes
b.	Flame Penetration Test	Time taken for Flame Penetration shall not be less 15 minutes for every 6mm thickness	22 Minutes
c.	Rate of Burning	Time taken to lose weight from 30% to 70% shall not be less than 20 minutes	12 Minutes
4	Adhesion Test	Minimum Pass, Excellent , poor	Excellent
5	Wate Resistance Test	BWR - 3Cycles 8Hrs.at 100C	No Delamination

### Available Sizes (feet)

All standard sizes

### Grades

BWP

### Available Thicknesses (mm)

All standard thickness



\* Approved by BIS

\* Member of IGBC

\* Approved



Born Bold

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**GARNET VENEER AND DECORS LIMITED**

garnet.1099@gmail.com | www.garnetply.com

