



# MOULDED SEATS

THE WESTERN INDIA PLYWOODS LIMITED

Technical Literature

Annexure No. X

WIP's EMU Chair Seat and seat cum Back Rest are manufactured from thin wood veneers impregnated with thermosetting resins and moulded under high pressure and temperature. It is a heavy duty grade product which has got excellent physical and mechanical characteristics combined with dimensional stability.

This wood based moulded plastic laminate finds extensive usage in hotels, cinema theatres, auditoriums and other commercial seating venues.

It has got the following physical and mechanical characteristics :

### Fire retardant Characteristics

It is boiling water resistant and has excellent impact strength. Its fire resistant property enables it to be unaffected by even burning cigarette butts. It has got high resistance to weak acids and alkalies.

PROPERTIES	VALUE
1. Specific Gravity	1.2 - 1.30
2. Static Bending Strength Along Minimum A cross Minimum	1200Kg/Cm <sup>2</sup> 600 Kg/Cm <sup>2</sup>
3. Compression Strength (Flatwise) Minimum	1600 Kg/Cm <sup>2</sup>
4. Percentage of water absorption after 24 hrs. immersion in water at Room temperature.	Less than 5%

