

Fire retardant

Fire Retardant Plywood (FRP) is BWR grade plywood given anti flame treatment of Ammonia sulphate, and Ammonia phosphate and TCP. The plywood can be safely used in automotive industry, domestic industry, domestic and office building and at airports. The plywood conforms to IS : 5509:2000 standard. The technical specifications are given below.

Technical Specification

	Required as per IS: 5509	Galaxy's observed Values
Glue shear strength in dry stage	1350 N	1410 N
Glue shear strength in wet stage	1100 N	1160 N
Flammability	30 min.	25 min.
Rate of Burning	20 min.	25 min.
Flame Penetration	15 min. / 6 mm	15 min. / 6 mm

Fire retardant doors are also available in same specification.