

## **IS 710 MARINE PLYWOOD - SPECIFICATION (Third Revision)**

Marine plywood is a type of plywood specifically designed for use in environments where it will be exposed to moisture for extended periods. The key features and applications are water resistance, durable and chemical resistant. This standard IS 710 covers the requirement for materials, manufacture and performance of marine plywood suitable for the construction, repair and maintenance of marine and river craft etc.

The quality of product is controlled through defined pressure impregnation treatment of chemicals as specified in IS 10013. The standard covers the test requirements like dimensions, moisture content, water resistance, glue adhesion, tensile and bending strength, mycological tests and Formaldehyde content and emission tests.

The standard also recommends the use of wood from sources other than natural forests encouraging the protection of ecosystem. For the purpose of guidance, the list of tree species outside forest (TOF) including rubber, coconut, cashew, walnut, agroforestry, farm forestry, industrial and social forestry plantations, etc. and shade trees from tea and coffee estates have also been suggested for the users in plywood manufacturing.

The product contributes to the United Nations Sustainable Development Goal 9 'Industry innovation and infrastructure' Build resilient infrastructure promote inclusive and sustainable industrialization and foster innovation.