

IS 2191 Part 2: 2022 – Wooden Flush Door Shutters (Cellular, Hollow and Tubular Core Type) - Specification Part 2 Particle Board, High-Density Fibre Board, Medium Density Fibre Board and Fibre Hardboard Face Panels (Fourth Revision)

IS 2191 Part 2: 2022 specifies wooden flush door shutters featuring a **cellular, hollow, or tubular core**. These doors are suitable for residential and commercial applications, providing **durability, aesthetics, and functionality**.

Consumers seek door shutters that offer **excellent** moisture resistance, durability, and aesthetic appeal. Qualities like strength, resistance to warping, and ease of maintenance are highly valued for ensuring longevity and satisfactory performance in **varied environmental conditions**.

This standard fulfils consumer expectations by categorizing door shutters into **Boiling Water Proof (BWP) and Moisture Resistance (MR) grades**, accommodating both humid and dry conditions. It incorporates materials such as particle board, high-density fibreboard (HDF), and medium-density fibreboard (MDF) for the face panels, enhancing the structural integrity and surface finish. Innovations like **tubular core types** are added for better insulation properties and lightweight design, making installation easier while ensuring robustness.

Keywords: Wooden flush doors, moisture resistance, durable door shutters, HDF doors, MDF doors, BWP door shutters, residential door solutions, commercial door installations.