

IS 2096: 1992 Asbestos Cement Flat Sheets — Specification (*First Revision*)

Asbestos cement flat sheets are primarily used for applications such as external wall claddings, partitions, false ceilings, panelling, furniture, and dado work. These sheets can be either water-cured or humid-cured. Unlike asbestos cement building boards, which are more porous, flexible, and intended mainly for internal use, asbestos cement flat sheets are specifically designed for more robust applications.

This standard establishes requirements for the composition, dimensions, and testing of asbestos cement flat sheets, available in semi-compressed and fully compressed forms. The sheets are classified into two classes based on minimum bending strength and density:

- **Class 1:** Semi-compressed sheets
- **Class 2:** Fully compressed sheets

The standard specifies performance tests to ensure quality and durability, including tests for bending strength, thickness, edge straightness and squareness, and density. These tests verify that asbestos cement flat sheets meet the essential performance standards required for various structural applications.