



# Flame Retardant Laminates



## Enhanced Fire Safety Solutions



Building Interiors  
Outdoors System

# Product Overview & Key Features

## Meeting Stringent Standards for Public and Commercial Spaces

Our flame retardant laminates are HPL products specifically engineered to meet stringent fire safety standards. They are a crucial component for public and commercial buildings where the risk of fire spread must be minimized.

### Standard Specifications:

**Thickness:** Typically 0.7mm to 1.0mm.

**Sizes:** Standard HPL sheet sizes apply.

### Key Features:

**Reduced Flammability:** Formulated with fire-retardant resins that significantly reduce flame spread and smoke development.

**Safety Compliance:** Meets various international fire safety classifications (e.g., Euroclass B-s2, d0; ASTM E-84 Class A).

**Durability & Design:** Retains the aesthetic and functional benefits of standard HPL, available in a wide range of designs.

# Technical Specifications & Performance

## Fire Safety Ratings & Certifications

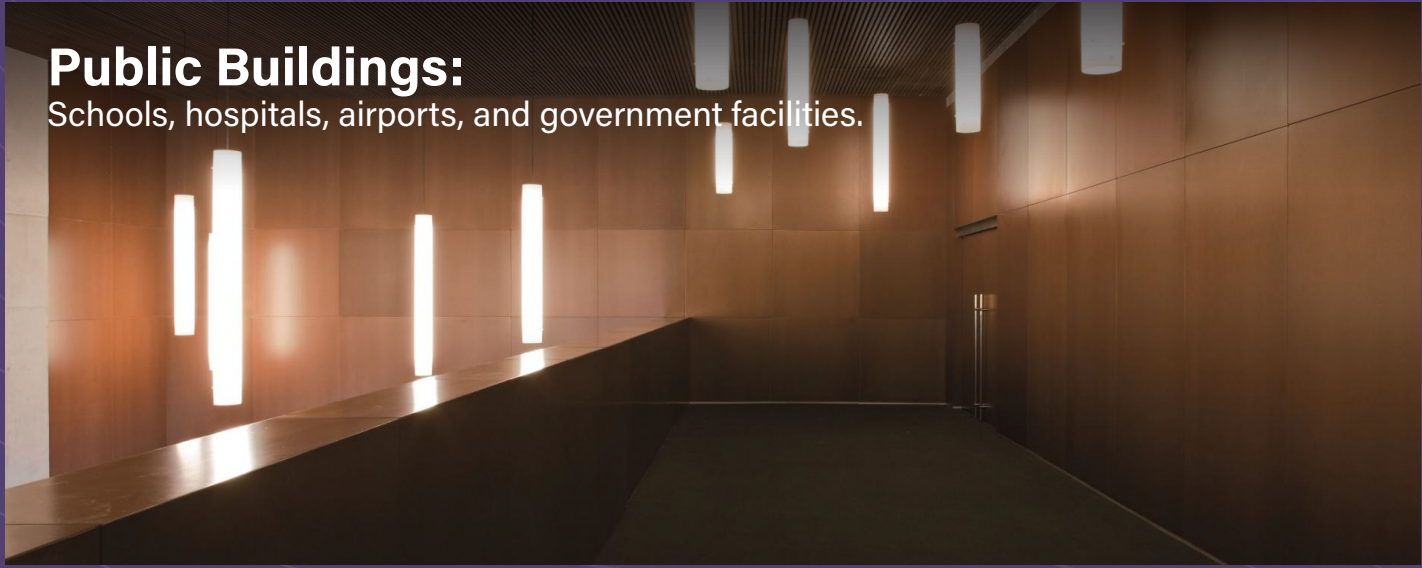
Our flame retardant laminates are tested and certified by independent laboratories to ensure compliance with global fire safety regulations.

Technical Property	Standard	Performance
Flammability	Euroclass B-s2, d0	Significantly reduces flame spread.
Surface Burning	ASTM E-84, Class A	Meets strict surface burning characteristics.
Smoke Development	EN 13501-1	Low smoke development during combustion.

# Key Applications

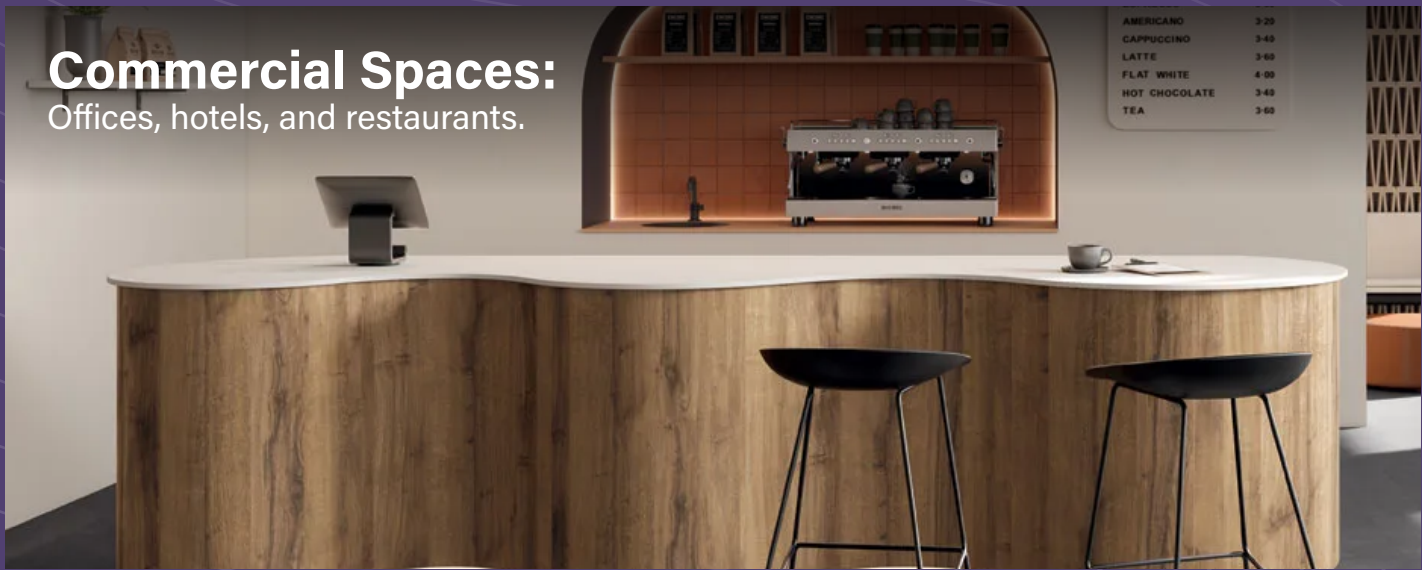
## Public Buildings:

Schools, hospitals, airports, and government facilities.



## Commercial Spaces:

Offices, hotels, and restaurants.



## Transportation:

Approved for use in trains, ships, and other public transport interiors.



# Installation & Care Guide

## Installation & Maintenance for Fire Safety

To ensure the fire safety rating of the entire assembly, all components must meet the required standards.

### **Installation:**

Follow the same installation guidelines as for standard HPL.

Ensure that all components used in the assembly (substrate, adhesive, backing) also meet the required fire safety standards to maintain the overall rating.

### **Care & Maintenance:**

The care is the same as for standard HPL.

The flame retardant properties are integral to the material and do not require special maintenance.

### **Documentation:**

Keep documentation of the product's fire rating on file for building code compliance and inspection purposes.



# Flame Retardant Laminates



## Enhanced Fire Safety Solutions



Building Interiors  
Outdoors System