

Six Reasons to Use LP® FlameBlock® Fire-Rated OSB Sheathing to Help Meet Fire Codes

Fire-resistant construction is used to preserve the structural integrity of a building in the event of a fire and help prevent the collapse of key load-bearing elements. Using LP® FlameBlock® Fire-Rated OSB Sheathing can offer a cost-effective means of meeting fire-related structural code requirements.

Structural Performance

LP FlameBlock panels consist of a non-combustible cementitious coating that is bonded to one or both sides of a sheet of OSB. The non-hazardous, fiberglass-reinforced coating increases the strength, bending stiffness, shear capacity, and impact resistance of each panel.



Two-in-One

LP FlameBlock sheathing combines fire resistance and structural performance in a single panel—a key advantage in wall and roof sheathing applications.



Easy-to-Use

LP FlameBlock sheathing can reduce the time and cost generally associated with installing a combination of gypsum and structural sheathing. The product's proven fastener-holding capability can also simplify the installation of exterior facing materials, potentially providing further savings.



Weather-Resistant

Unlike many other fire-rated materials, LP FlameBlock sheathing carries an Exposure-1 classification, meaning that it is designed to withstand exposure to moisture during normal construction delays.



Multiple Applications

LP FlameBlock sheathing is most often utilized in Type III and V construction, particularly in roof decking adjacent to fire walls and in load-bearing walls. It can also be installed in the roof decks of Type II structures and in non-bearing applications (such as curtain walls) in Type I and II construction.

Code-Compliant

LP FlameBlock sheathing is code-compliant in a variety of wall and roof applications and is a listed component of various 1-hour and 2-hour rated wall assemblies.*



LP® FlameBlock® Fire-Rated OSB Sheathing is created by applying a proprietary non-combustible, fiberglass-reinforced Pyrotite® treatment to LP® OSB panels.

**A full list of applications is covered in Section 4.2 of the code report, ESR-1365. Listed wall assemblies may be accessed at LPCorp.com/FlameBlock.*



LPCorp.com/FlameBlock