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## TECHNICAL MEMORANDUM

July 14, 2015

**RE: Class C Fire Rating Classification  
HPL Face with MDF Core**

Our panels consist of the following series of three basic layers.

1 The Panel Face

The exposed surface is a layer of high pressure laminate .030" thick (Class C or less) for the face material.

Flame spread 15

Smoke Developed 15

2 The Panel Substrate

Panels use an ASTM E-84, Class C rated wood fiber substrate (MDF) that carries a rating as follows;

Flame spread 195

Smoke Developed 185

3 The Panel Backer

The balancing backer is a layer of regrind high pressure laminate that measures .025".

The combination of the three layers shown above will meet ASTM E-84 fire rating for a Class C panel that has a flame spread of 200 or less along with a smoke development maximum of 450.

Sincerely,

Customer Service

Dover, OH