



**Milwaukee  
Composites**  
*Designed for Life*



# U.S. Navy False Deck Panels MCI 70424

Milwaukee Composites, Inc. (MCI) is a leading global supplier of advanced phenolic composite panels. With over 25 years of proven experience supplying light weight, maintenance-free panels to the transit industry, MCI is now providing composite false deck panels that deliver the same benefits.

False Decking is used throughout the US Naval surface fleet for interior applications in both electronic (Group 1) and non-electronic (Group 2) spaces. MCI 70424 is a lightweight balsa core panel with a marble blue Lonmat XL wear surface material which can be easily cut using a CNC machine. This panel has an areal weight of 2.17 lb/ft<sup>2</sup> and meets Military Performance Specification MIL-PRF-32664 without shock testing.

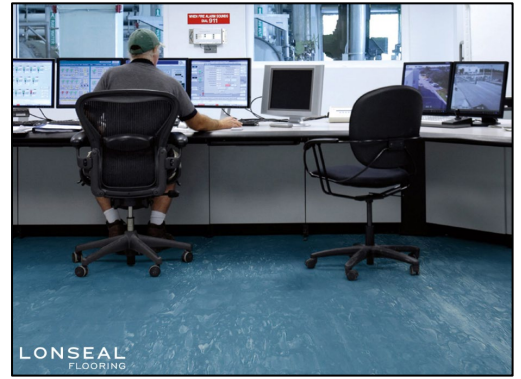
Available Sizes:

Form	Thickness	Width	Length
1	0.560 inch	48.0 inch	96.0 inch
2	0.560 inch	10.375 inch	24.0 inch

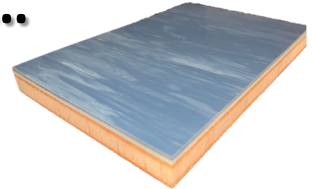
- \* Maintenance Free
- \* Superior Fire Safety
- \* Moisture Resistant
- \* Light Weight

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**PROVIDING THE MOST ADVANCED  
PHENOLIC COMPOSITE PANELS WORLDWIDE ...  
Navy Composite False Deck Panels  
MCI 70424**



**Panel Classification**

Type 1 – Combustible Materials

Class 1 – Wear Surface Compliant

**Passed Following Test Methods**

Flame spread – ASTM E162  
Smoke optical density – ASTM E662  
Fire gas toxicity – ASTM E800 & ASTM E662

Fire Performance for Interior Finish Materials  
and Furnishings – MIL-STD-1623

**Electrical Performance**

Dielectric Strength  
Voltage

**Test Method**

MIL-DTL-15562, Para 4.6.11  
MIL-DTL-15562, Para 4.6.10

**Nominal Value**

>30,000 V (Passed)  
15,000 V for 1 min  
(Passed)

**Mechanical Performance**

Short Beam Shear Strength  
Long Beam Sandwich Flexure Load  
Sandwich Compression Strength  
Edgewise Compression Strength  
Flatwise Tensile Strength

**Test Method**

ASTM C393  
ASTM D7249  
ASTM C365  
ASTM C364  
ASTM C297

**Nominal Value**

435 psi  
652 psi  
1,916 psi  
26,160 psi  
1,088 psi