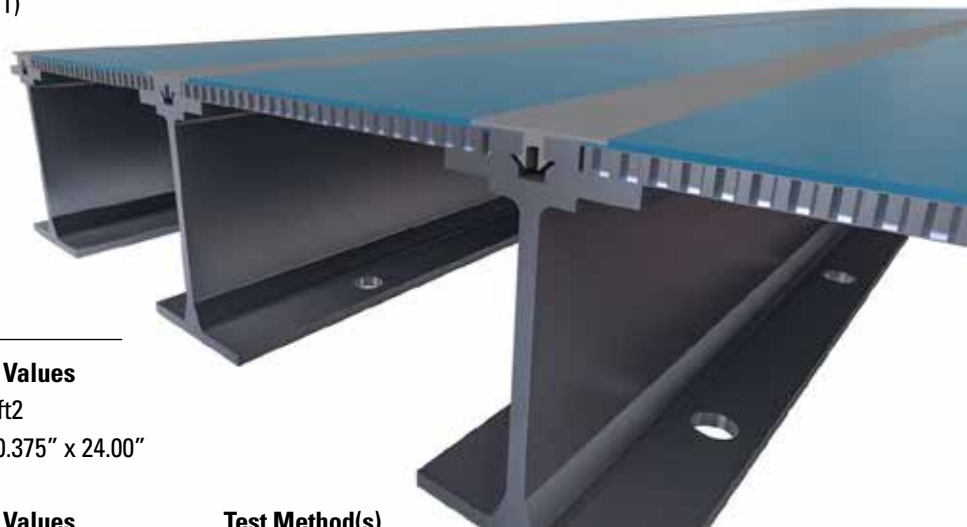




SM3000 False Deck Panels

Plascore SM3000 is a lightweight sandwich-structured composite panel suitable for false deck applications on Navy surface combatant vessels. SM3000 is compliant with MIL-PRF-32664 as a Class 1 panel suitable for both electric (Group 1) and general purpose (Group 2) spaces. SM3000 is available as an unfinished panel (Form 1) or as a tile for use with Flexible Infrastructure (Form 2).

SM3000 (Form 2 shown)



Applications

Physical

Weight
Size

Nominal Values

1.95 lbs./ft²
0.56" x 10.375" x 24.00"

Mechanical Performance

Short Beam Shear Strength
Long Beam Flexure
Sandwich Compression Strength
Edgewise Compression Strength
Flatwise Tensile Strength
Dielectric Strength
Voltage Test

Nominal Values

380 psi
320 psi
1200 psi
8000 psi
885 psi
>50,000 V
Pass, 15,000 V for 1 min

Test Method(s)

ASTM C393
ASTM D7249
ASTM C365
ASTM C364
ASTM C297
MIL-DTL-15562G, Paragraph 4.6.11
MIL-DTL-15562G, Paragraph 4.6.10

Flexible Infrastructure Rail



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Corporate Headquarters

Plascore Incorporated
615 N. Fairview St.
Zeeland, MI 49464-0170
Phone (616) 772-1220
Toll Free (800) 630-9257
Fax (616) 772-1289
Email sales@plascore.com
Web www.plascore.com

Europe

Plascore GmbH&CoKG
Feldborn 6
D-55444 Waldlaubersheim
Germany
Phone +49(0) 6707-9143 0
Fax +49(0) 6707-9143 40
Email sales.europe@plascore.de
Web www.plascore.de