C-Class IMO Honeycomb Panels

Marine Industry Solutions
Certified Choice

Certified Rigidized® C-Class IMO Honeycomb Panels are approved as meeting Part 1 of Annex 1 of the IMO FTP Code with the adhesive meeting Part 5 of Annex 1 of the IMO FTP Code.

- Choice of panel skins and honeycomb thickness.
- Rigidized® Textures in Aluminium and Stainless Steel.
- Made in the USA.
- Weight, strength and corrosion resistance are common requirements in these industries and Rigidized® panels meet the requirements and exceed expectations.
- Rigidized® skins reduce weight while maintaining dent and scuff resistance. The textured surface also diffuses light to reduce glare on these bright metal surfaces.
- Using Rigidized® skins with an aluminum honeycomb core creates an extremely strong but lightweight panel. Mechanical section properties can be controlled with both skin gauge and core thickness.
Solutions from Stem to Stern

Panels & Wall Cladding
Decking
Textured Wall Panels
Stairs
Handrails
Engine Rooms
Our lightweight composite panels meet the most demanding requirements of IMO and the USCG for use in:

- bulkheads
- ceilings
- sanitary partitions
- floors

Rigidized can supply raw panels or completely fabricated joiner systems configured to your specific needs.

Surface materials:
- aluminum (smooth or Rigidized® textured)
- stainless steel (smooth or Rigidized® textured)
- Fiberglass-Reinforced Plastic (FRP)
- High-Pressure Laminates (HPL)

Core materials:
- aluminum honeycomb
- stainless steel honeycomb
- Nomex
- rock wool
- fire retardant foams
- Marinite
### Custom Panels

- Certified or Non-Certified
- Plain or Textured
- Aluminum or Stainless Steel

#### RMC Anodized Aluminum Ceiling Panel
- Light weight aluminum-faced honeycomb sandwich panel.
- Face and back are anodized aluminum sheet
- Aluminum honeycomb core

#### RMC Aluminum Bulkhead Panel
- Light weight aluminum-faced honeycomb sandwich panel.
- Face and back are anodized aluminum sheet

#### Rigidized® Aluminum Bulkhead Panel
- Light weight aluminum-faced honeycomb sandwich panel.
- Face and back are anodized mill finish aluminum sheet
- One or both sides of the panel has a Rigidized® Textured pattern***

#### RMC Stainless Steel Bulkhead Panel
- A lightweight sandwich panel with stainless steel face.
- Choice of stainless steel or anodized mill finish aluminum backer
- Choice of stainless alloy (304, 316 or other) and finish (2B, #4 or other)

#### Rigidized® Stainless Steel Bulkhead Panel
- A lightweight sandwich panel with stainless steel face.
- Choice of stainless steel or anodized mill finish aluminum backer
- Choice of stainless alloy (304, 316 or other) and finish (2B, #4 or other)
- One or both sides of the panel has a Rigidized® Textured pattern***

#### RMC Stainless Steel Sanitary Partition Panel
- A lightweight sandwich panel with stainless steel face.
- Choice of stainless alloy (304, 316 or other) and finish (#4 or other)
- Sanitary partitions are suitable for water closets, urinal screen and showers.

#### Rigidized® Stainless Steel Sanitary Partition Panel
- A lightweight sandwich panel with stainless steel face.
- Choice of stainless alloy (304, 316 or other) and finish (#4 or other)
- Sanitary partitions are suitable for water closets, urinal screen and showers
- One or both sides of the panel has a Rigidized® Textured pattern***

#### RMC Metal Core Bulkhead Panel
- A lightweight honeycomb sandwich panel with an Aluminum Melamine Wilsonart Series 900 "Metal Core" surface on one or both sides of the panel.
- For applications requiring a finished laminate look on aluminum-skin panels.

*** Specifying Rigidized® Textured Patterns in IMO C-Class panels offers designers and builders:
- Increased surface protection from graffiti, scuffs, dents and scratching in high-traffic areas
- Controlled glare with increased light diffusion and optical flatness
- Reduced weight from downgauging and panel skin thickness while maintaining rigidity
- Twenty patterns to promote architectural flair along with fit and function for living quarters, galley and interior design

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