

ENVIROSPAN™

Lead-Free Ceramic Frit Spandrel



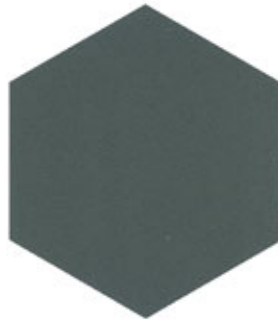
#101 Black



#102 Green



#104 Lava Bronze



#105 Charcoal



#106 White



#108 Blue



#109A Warm Grey



#109B Subdued Grey

Color chips are as close as possible to actual colors.
Actual production line samples are recommended for final color approval.

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The Spandrel Process

Lead-free colored ceramic frit is applied with a roller coater and fire-fused at 1150°F to the interior surface of the substrate glass (second surface) to create an environmentally-safe Envirospan™ opaque panel. Since the ceramic frit is lead-free, there are no disposal problems with Envirospan™ panels. Heat-strengthening of the glass is required to avoid breakage from thermal stress. If breakage should occur, heat-strengthened glass will break into large pieces which tend to stay in the framing system. For safety glazing applications, fully tempered spandrel should be specified.

Product Applications

Envirospan™ lead-free spandrel is used in **NON-VISION AREAS ONLY**. It should not be used in settings where the number two surface of the glass can be viewed, such as partitions, transoms and interior walls. It can also be used as the inboard lite of an insulating glass unit.

* Factory applied insulating backing for spandrel may be available on a project basis. Please consult J.E. Berkowitz Customer Service for more information.

Sizes

- Minimum size manufactured is 12" X 12"
- Maximum size is 84" X 130"

Shapes

See on-line pattern cutting chart under Float Glass Distribution/Fabrication.

Edgework

Standard edgework is seamed or swiped with a 120° belt. Envirospan™ must be used in a four-side captured glazing system. It cannot be used in butt, structural or exposed edge glazing applications.

Colors

The eight standard colors available for application onto 1/4" clear heat-treated glass are as follows:

Identification	Color	Identification	Color
# 101	Black	#106	White
# 102	Green	#108	Blue
# 104	Lava Bronze	#109A	Warm Grey
# 105	Charcoal	#109B	Subdued Grey

Custom colors and tinted or low-iron substrates are available upon request. 1/4" pyrolytic reflective glass is available in grey, green, bronze or blue with standard black frit on the #2 surface.

Warranty

Standard warranty is five years from date of manufacture against peeling, cracking or deterioration of the coating under normal conditions.

Certification

Float glass used in Envirospan™ lead-free ceramic frit spandrel complies with the quality requirements of ASTM C1036, Standard Specification for Float Glass. Heat-treated Envirospan™ glass complies with ASTM C1048, Glass-Kind HS, Kind FT Coated and Uncoated Glass. Tempered Envirospan™ is a safety glazing product meeting the performance requirements of Consumer Product Safety Commission Standard 16 CFR 1201, as well as ANSI Z97.1. Since the ceramic frit does not contain lead, there are no special disposal requirements.



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