

## DDS 250A - Screen Printed Ceramic Frit Products

Dlubak offers a complete line of custom and standard screen printed designs using ceramic frit. Our ceramic frit patterns are applied to heat strengthened or tempered glass.

<b>Recommended</b>	Highly durable exterior interior glass product for overhead glazing, spandrel and partition applications.	
<b>Patterns</b>	Custom or standard screen printed designs. Each design takes a separate screen, standard patterns carry a reduced screen charge, and custom designs are available with full screen charge. Maximum mesh size 200. Pattern listing available upon request. For custom patterns, customer should submit camera ready art work.	
<b>Colors</b>	Wide variety of durable colors using ceramic frit manufactured by Drakenfeld co., Cerdec, Ferro Corporation, Pemco Corporation or equal.	
<b>Glass</b>	Heat strengthened or tempered.	
<b>Surfaces</b>	Ceramic frit is applied to the #2, #3, #4, #5. Other surfaces are subject to review.	
<b>Coating Tolerance And Variations</b>	<p>Silkscreened ceramic frit should be viewed from a distance of 10 ft. Under natural daylight conditions.</p> <p>Pinholes: if detected at 10 ft. Must be 1/16" or less. Color and hue may vary slightly due to paint thickness variations pattern orientation: patterns may be off parallel by 1/8" from any edge</p> <p>Pattern definition: an indefinite print border of 1/8" is acceptable pattern registry: max. Variation of 1/8" in dot, line, or hole location is acceptable. Roll coat ceramic frit: view roll coat/spandrel glass from a distance of 15 ft. Under natural daylight conditions. Spandrel glass shall not be back lit for inspection. Color and reflectance may vary when viewed using a uniform, opaque background. This is not reason for rejection. Reflected pinholes and scratches are not considered defects if they are unobtrusive.</p>	
	<b>Screen Print Designs</b>	<b>Roll Coat (Spandrel)</b>
<b>Maximum size</b>	80" x 130"	73" x 120"
<b>Minimum size</b>	14" x 18"	14" x 18"
<b>Minimum Glass Thickness</b>	1/8" 3/16"	
<b>Maximum Overall Thickness</b>	1/2" 1/2"	
<b>Edge work</b>	Standard edge is a swiped or seamed edge; allowable defects up to 3/16" from edge include oysters, flairs and slight chips.	
<b>Certification</b>	The screen printed ceramic frit glass complies with the quality requirements of ASTM C1036, standard specification for flat glass. When glass is heat treated, the glass complies with ASTM C1048, standard specification for heat treated flat glass-kind hs, kind ft coated and uncoated glass.	

<b>Warranty</b>	The standard warranty period for this product is five years. This warranty offers protection against loss of adhesion and significant color change under normal weathering conditions.
<b>Samples</b>	Standards available at no charge, standard size 12" x12", project approval sizes available at no cost in 12" x 12". Larger sizes or mock ups available at nominal charge.
<b>Limitations</b>	<p>Screen printed ceramic frit is not intended for 4-sided structurally glazed applications, without prior sales approval. For glass having exposed edges (not captured), Dlubak must edge delete the frit design 1/4"to 1/2".</p> <p>The enamel-frit may be applied to fully coat the glass surface; producing a spandrel product for use in non-vision areas only.</p> <p>Ceramic frit is not recommended for first surface application, as oxidation and weathering could adversely affect the performance of the material. Ceramic frit applied glass products are available for flat and curved glass applications.</p>