OPACI-COAT-300® SPANDREL PAINT

Supplier:
ICD High Performance Coatings

OPACI Spandrel Paint:
An Alternative to Ceramic Frit

OPACI-COAT-300® is an applied paint that goes on after the glass has been tempered Ceramic frit is ceramic clay fused to the glass at high heat, a that process may result in noticeable lines and streaks depending on the colour, and colour predictability can be impacted by compared to OPACI which is not altered after application.

Although both have a long life expectancy, the silicone in OPACI bonds to the glass and provides fall out protection when applied at a wet film thickness of 13 mils.

OPACI-COAT-300® also offers the advantage of being repairable with nothing more than a small spray bottle of paint.

OPACI-COAT-300® is also an excellent choice where LEED points are needed or building components are required to not contain environmentally hazardous ingredients.

OPACI-COAT-300® carries a manufacturer's 10-yearwarranty.

Spandrel glass is glass that has been rendered near opaque through methods such as back-painting, ceramic frit, or laminate interlayers, being among the most common.

OPACI-COAT-300® is a water-based silicone paint that is used to conceal structural and mechanical elements in buildings.

Spandrel glass is not designed to be used in vision areas. It is meant to obscure what is behind the glass, such as duct work, concrete subfloors, and other such unpleasant looking apparatus. Spandrel glass can often have insulation or a back pan on the interior surface.

Although the paint is applied as an even coat across the surface of the glass, the nature of the product can allow for pinholes of light to pass through when installed in vision areas. Quite often the use of back pans will be incorporated to mitigate this occurrence.

OPACI-COAT-300® can be colour-matched to almost any colour imaginable. Paint chip cards, building cladding samples, even sealed units themselves, can be analyzed in the ICD labs to produce almost any custom colour you can dream of.

OPACI-COAT-300® can be applied on surface #2 of tempered monolithic glass, or surface #2 and/or #4 of tempered insulated glazing units (IGUs). **PFG Glass** applies OPACI paint using the spray method vs. roll or curtain coater. This allows for reduced waste and improved setup times.

OPACI-COAT-300® PRODUCT BENEFITS

Virtually Unlimited Opaque Color Palette

Formulated for Spandrel & Wall-Cladding

Building Facade & Interiors

Trained & Certified Applicators (Glass Fabricators)

Exact Color Matching & Batch Consistency

Lead Free & Ultra Low VOC

Fallout Resistance on Fully Tempered Glass if Applied at 13 mils

Can be Applied on Any Glass Type – Annealed to Heat-Treated

Does Not Weaken Tempered or Heat-Strengthened Glass

When applied to surface #2, the colour appears to be flush with the vision area and other spandrel glass. Painting surface #4 provides a shadow box effect, giving the illusion of depth. Surface #3 is not advisable as a stand-alone painted surface due to inconsistencies that can occur during painting. The paint is designed to be viewed through the glass it is painted on, in contrast, for example, to a wall where the paint is viewed and not the substrate itself.

OPACI-COAT-300® on surface #2 and/or #3 requires edge deletion to allow for sealing of the glass to the spacer. If installed in a vision area, light may be visible around the edges of the unit if not hidden by the framing. Of note, IGUs with low-e coatings cannot have paint applied to the coating nor the adjacent lite as off-gassing of the paint can affect the low-e coating causing visible defects.

Although **OPACI-COAT-300®** is designed to be in vision areas with a warranty provided, painting surface #2 and #3 may decrease visible pinholes and edge-deletion light when installed in vision areas, however, no warranty would be offered.

PFG Glass stocks the following standard **OPACI-COAT-300®** colours, not only saving you time, but saving you money on the most common colours in ICD's colour spectrum: