

# Product Specification for Traction Control Flooring

## Product Description

Traction Control Flooring is made using a self texturing glass enamel permanently fused to the glass surface.

## Features and Benefits

The aggressive traction properties of this product yield a superior slip coefficient as a safety feature for glass flooring. TC Frit can be applied to many different thicknesses of glass as well as to combinations of thicknesses laminated together to satisfy weight or building code requirements. This product is offered in standard or custom patterns to accomplish varying degrees of translucency.

## Applications

Glass flooring, stair treads, glass tiles.

### Availability

- ▶ **Glass Thicknesses:** 3mm (1/8") to 19mm (3/4") for monolithic pieces. Thickness for laminated glass to be determined by weight restrictions.
- ▶ **Patterns:** Large selection of in-house patterns and comprehensive graphics department for creating custom patterns.
- ▶ **Colors:** Traction Control Frit is translucent, however, it can be tinted or applied over top of other Ceramic Frit colors for added design flexibility.
- ▶ **Edge work:** Standard edge for screen printed glass is a seamed edge. Polishing and grinding are also available.
- ▶ **Fabrication:** Fabrication for installation and hardware available. See Goldray's Fabrication Limitations for more information.

### Technical Data

Static Friction Coefficient:  
 Dry = 1.074  
 Wet = 1.107  
 Film Thickness: 15 - 75 microns  
 Acid resistance: 15 min. 10% Citric Acid produces Slight Iridescence.  
 Alkali Resistance: <.10 weight loss  
 Heavy Metal Release: N/A  
 Slip Coefficient (Dry): 1.1  
 Slip Coefficient (Wet): 1.1 (ASTM C 1028)  
 Index of Abrasion Resistance: 95

### Applicable Industry Standards

ASTM C1036 - Standard Specification for Flat Glass  
 ASTM C1048 - Standard Specification for Heat-Treated Flat Glass-Kind HS, Kind FT Coated and Uncoated Glass  
 ASTM C1172 - Standard Specification for Laminated Architectural Flat Glass

### Maintenance and Warranty

Follow Goldray's "Standard Glass Cleaning Instructions" for proper maintenance of this glass. A limited 5 year warranty is available for this product. For more information please contact the Goldray Sales office or visit our website at: [www.goldrayindustries.com](http://www.goldrayindustries.com)