

## TECHNICAL DATA SHEET

### Superclear Countertop Epoxy

#### Description:

Our FGCI 2 to 1 Superclear Countertop Epoxy is an easy to use Clear 100 % solids epoxy resin system designed as both a floor coat and a countertop material. The system is sent out unpigmented and is designed to be further modified by the addition of pigments for color , the addition of Special Effects pigments such as pearlized Micac, matting agents, polyester color chips, and nonskid texturing agents by the end user.

This proprietary system is based on high quality Epoxy Resins combined with Cycloaliphatic type materials well known for their UV resistance and also contains a powerful UV inhibitor. The systems cures to a tough, hard, blush free, plastic, with good physical properties, and excellent resistance to water, chemicals, and solvents. It has excellent adhesion to most floor and counter top substrates including wood, glass, metals, stone, and most other plastics.

Surfaces should always be properly prepared for good bonding which may include sanding, sealing, and solvent washing. While the material has good resistance to UV light like all epoxy materials it will eventually fade in direct sunlight. A pigment paste addition of 2 to 2.5 % will generally produce a rich color with good hide.

PROPERTIES	BASE RESIN A-SIDE	CURING AGENT B-SIDE
Appearance:	Clear Thin Syrup	Slightly yellow syrup
Viscosity:	1800 CPS	350 CPS
Weight per Gallon:	9.7 Lbs.	8.4 Lbs.
Mix Ratio:	2:1 by Volume or 100 A to 45 B by Weight	
Gel-Time (100 Gr. Mass @ 77F):	55 to 65 Minutes	
Thin Film Set Time @RT	6 to 8 Hours	
Cure Time:	24 to 72 Hours	
Hardness:	90 to 91 Shore D (Full Cure)	
Heat Distortion Temperature:	140-160F (205+ Brief Exposure)	
Tensile Lap Shear	> 2900 PSI	

This material is for professional use only, using adequate ventilation and protection from eye and skin exposure. Any information supplied with this material is given in good faith, but should always be verified by the end user, as to the sustainability of the material for their application. The warranty of this material shall be limited to the replacement of defective material.