



**TCC 351/102
SURFACE COAT
SYSTEM
ROOM TEMPERATURE
BRILLIANT WHITE**

PRODUCT BULLETIN



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DESCRIPTION

Epoxy Resin **TCC-351** with Epoxy Hardener **TCC-102** is a brilliant white surface coat which provides a resilient first coat for laminated molds and models. The viscosity of the resin and hardener are designed to be easily dispensed. Once mixed, the surface coat turns to a smooth, medium-heavy consistency which will not run off vertical surfaces. TCC-351/102 is recommended as a versatile, moisture resistant surface coat for room temperature laminates and castings. TCC-351 Resin can also be used with three other hardeners giving the user several choices in pot life and tack time.

HANDLING CHARACTERISTICS AND PHYSICAL PROPERTIES @ 25°C/77°F

Mix Ratio (parts by weight).....	TCC-351/TCC-102, 104, 104-5, 105	100R/15H
Pot Life (100 gram mass):.....	TCC-351/102	16 minutes
.....	TCC-351/104	34 minutes
.....	TCC-351/104-5	68 minutes
.....	TCC-351/105	160 minutes
Tack Time*:	TCC-351/102	2 hours
.....	TCC-351/104	3 hours
.....	TCC-351/104-5	4 hours
.....	TCC-351/105	5 – 6 hours
Viscosity:	Resin TCC-351	85,000 cps
.....	Hardener TCC-102	200 cps
.....	Mixed Viscosity TCC-351/102	35,000 cps
.....	Mixed Viscosity TCC-351/104	49,000 cps
.....	Mixed Viscosity TCC-351/104-5	46,500 cps
.....	Mixed Viscosity TCC-351/105	35,500 cps
Color:.....	Resin TCC-351	White
.....	Hardener TCC-102	Amber
.....	Cured Color.....	White
Mixed Specific Gravity (w/TCC-102).....		1.29
Peak Operating Temperature (w/TCC-102).....		160°F
Hardness		80 Shore D
Compressive Strength (w/TCC-102).....		16,500 psi
Tensile Strength (w/TCC-102)		5,400 psi
Cure Time.....		16 - 20 hours
Shelf Life (in original unopened containers).....	TCC-351/TCC-102, 104, 104-5, 105	2 years

*Tack times can notably fluctuate depending on temperature conditions and thickness of application.

SANITARY PRECAUTIONS

Do not take internally. Avoid prolonged breathing of vapors. Work in a well-ventilated area. Avoid skin contact. Protective gloves should be worn. If contact occurs: wash skin with soap and water. Avoid eye contact. If contact occurs: rinse well with water for 15 minutes, contact physician.

STORAGE

Store at room temperature. Before use, mix resin well with mechanical device.

TCC-351 Tech/Revised 5/20/10
Supercedes 6/4/08

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