

TCS EPOXY 100

CLEAR & PIGMENTED



TCS Epoxy 100 is a tough epoxy floor coating with excellent chemical resistance, minimal amine blush, and water-spot resistance. With a convenient 2:1 mix ratio, it penetrates and seals substrates while providing a durable, impact- and abrasion-resistant base coat for color chip flooring. Designed for industrial and commercial use, it offers strong substrate hide in a single coat, making it ideal for shops, showrooms, work areas, and forklift traffic. VOC compliant.

PROPERTIES

Appearance: Pigmented

Viscosity (gel): 350–600 cps

Time (100 g): 1 hr

Techne GT-3 Gelation Timer: Thin film set time: 4–7 hr (BK drying recorder phase III)

Hardness (Shore D): 70 (DIN 53505)

Comprehensive Strength: 70 MPa

Comprehensive Modulus: 2.0 GPa (ISO 604)

Tensile Strength: 52 MPa

Tensile Modulus: 2.7 GPa (ISO 527)

Flexural Strength: 94 MPa

Flexural Modulus: 2.1 GPa (ISO 178)

Heat Distortion Temperature (C50, ASTM D648): 65°C

Carbamation Test (scale 1–5): 5

Abrasion to concrete: Over 480 (surface of concrete)



FOR ADDITIONAL INFORMATION CONTACT TWIN COATING SUPPLIES 817-676-6793