



Designer Epoxy UV Flooring – Technical Data Sheet

DESCRIPTION

Designer Epoxy UV Flooring is a 100% solids, two-component (2A:1B), low-VOC, self-priming epoxy coating system designed for concrete floors requiring enhanced UV resistance and long-term color stability. The formulation delivers excellent mechanical performance, extended working time, and superior resistance to yellowing, making it ideal for lighter colors and decorative systems. It may be used as a topcoat or applied directly to concrete surfaces due to its self-priming characteristics.

USES

Residential and commercial floor systems • Metallic epoxy systems • Retail and office spaces • Garages and showrooms • Warehouses and light industrial facilities • Public buildings

ADVANTAGES

Excellent UV resistance • 100% solids, zero solvent • Low odor • Long working time • Ideal for metallic systems • High abrasion resistance • Low moisture sensitivity • Dense, low-maintenance finish

PRODUCT DATA

Mix Ratio	2A : 1B
Packaging	3-gallon kit (3 × 3.78 L)
Color	Clear, Super Opaque White
Pot Life	50 minutes
Working Time	60 minutes
Recoat Time	9–24 hours
Foot Traffic	24 hours
Light Traffic	48 hours

TECHNICAL PROPERTIES

Hardness: 87–88 Shore D at maturity • Abrasion Resistance (ASTM D4060): 60 mg loss • Coefficient of Friction (ASTM E303): 1.2 • Pull-Off Strength (ASTM D7234): >3 MPa • Elongation at Break (ASTM D638): 14% • Compressive Strength (ASTM D695): 13,000 psi (90 MPa) • Solids by Volume: 100% • Viscosity: 1000 ±100 cps • VOC Content: 0 g/L