

ProStep Base Extended / ProStep Base Fast

TECHNICAL DATA SHEET



Description: Industrial & Commercial Moisture Defense Epoxy Floor Coating

ProStep Base Slow / ProStep Base Fast is a 1:1, pigmented, industrial and commercial epoxy base coat formulated for added moisture defense. Formulated with a bisphenol-A based diglycidyl ether resin and a modified cycloaliphatic amine adduct activator, it delivers a tough, chemical-resistant system with excellent resistance to amine blush and water spotting.

Designed to penetrate, wet, and seal prepared concrete substrates, ProStep Base provides a hard, durable, impact- and abrasion-resistant foundation for chip flooring and a wide range of commercial and industrial floor systems. Its advanced moisture-defense performance provides greater protection against moisture-vapor transmission compared to standard epoxy base coats.

Available in two set times—Slow and Fast—to fit your project schedule.

USES:

- › Commercial & Industrial Flooring
- › Base coat / primer for chip systems
- › Industrial work areas
- › Shops and showroom floors
- › Commercial floors
- › Forklift traffic work areas

ADVANTAGES:

- › Protective, attractive epoxy floor system
- › Designed to seal floors against abrasion, water, oils and chemicals
- › Good color stability
- › Improved moisture defense vs. standard epoxy
- › Available in two set times: slow and fast

GENERAL PRODUCT INFORMATION

Appearance: Pigmented

Viscosity: 350 to 600 cps

Gel Time, 100 g: 1 hr

Thin Film Set Time: 4–7 hr

Mix Ratio: 1:1 by volume

Temperature Range: 35°F to 125°F (air and surface) and 5°F above dew point

PACKAGING:

- › 2-gallon kits
- › 10-gallon kits

SUGGESTED APPLICATION / PREPARATION:

- › Concrete must have a minimum 28-day cure prior to application.
- › Remove any previous coatings, curing agents, form release materials, oils, wax, moisture, or any material that may affect bonding.
- › Perform a moisture vapor test before making the coating application on concrete.
- › Clean by abrasive “brush-off” blast. Provide minimum 2 mils (0.002”) rough profile.
- › Review ASTM D4259 (Abrading Concrete) and ASTM F1869 (Measuring Moisture Vapor Emission).
- › Seal or repair all bug-holes, cracks, and spalls.
- › Substrate pH must be between 7 and 8.5.
- › Moisture Vapor Transmission of the substrate must not exceed 3 lb per 1,000 ft² per 24 hours.

GENERAL PRODUCT PERFORMANCE

Hardness	Shore D 70
Compressive Strength	70 MPa
Compressive Modulus	2.0 GPa
Tensile Strength	52 GPa
Tensile Modulus	2.7 GPa
Flexural Strength	94 MPa
Flexural Modulus	2.1 GPa
Heat Distortion Temperature	50°C ASTM D648
Carbamation Test (scale 1 to 5)	5

LIMITATIONS: The product may set faster in hot conditions and slower in cold conditions. Keep out of direct sunlight and store the product kits on wood pallets at room temperature. Wear protective clothing, goggles and NIOSH cartridge mask. This product is for use by professional applicators only. Read SDS before using this product. Flash Point: Non-flammable liquid classification.