

# 1150FC

— 100% SOLIDS — FAST CURE —  
EPOXY FLOOR COATING

**SIMIRON 1150FC** is a fast cure 100% solids, two-component, high-build epoxy floor coating that's designed for applications where heavy-duty protection and fast return to service is required.

**1150FC** can be applied at temperatures as low as 32°F (0°C). Combine with decorative chip or quartz flooring systems to create an attractive and durable finish that can be applied in 1-day.



## FEATURES & BENEFITS:

- Fast curing formula for quick return to service
- Low Temperature Application
- Resistant to Moisture Vapor Transmission
- 100% Solids
- Zero VOC
- Solvent Free
- Durable
- Excellent Adhesion Properties
- Impact Resistant

## RECOMMENDED USES:

- Prime and build under other SIMIRON products where fast cure is needed.
- Apply 16 mils total for moisture vapor tolerance.
- Use in combination with fast-cure products from SIMIRON for installation in cool conditions.



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## PRODUCT INFORMATION

PRODUCT NAME	SIZE	COLOR/FINISH	ITEM NUMBER
1150FC Hybrid Base	2-Gallon	Clear / Gloss	40008086
1150FC Hybrid Activator	1-Gallon	Clear / Gloss	40002800

3-gallons 1000HS clear can be pigmented with 1 pint Simiron E-Tints in the following colors:  
Haze Gray, Light Gray, Deck Gray, Sandstone, White, Black, & Tile Red.

## TECHNICAL DATA

### PHYSICAL DATA

Components	2 (Base & Activator)
Color	Clear
Finish	High Gloss
Mix Ratio (by volume)	2 Base: 1 Activator
Curing Mechanism	Chemical reaction between components
Solids by Volume	100%
Solids by Weight	100%
Mixed Viscosity	2800 cP
VOC (EPA Method 24)	0 g/L
Work Time	10 - 15 minutes (@73°F, 45% RH) *

\*Higher temperatures and humidity will shorten pot-life and working time.

### THEORETICAL COVERAGE

Wet Milts (microns)	3 (76) - min.	16 (406) - max.
Coverage sq. ft./gal. (m <sup>2</sup> /L)	100 (2.5) - min.	533 (13.1) - max.

### CURE TIMES

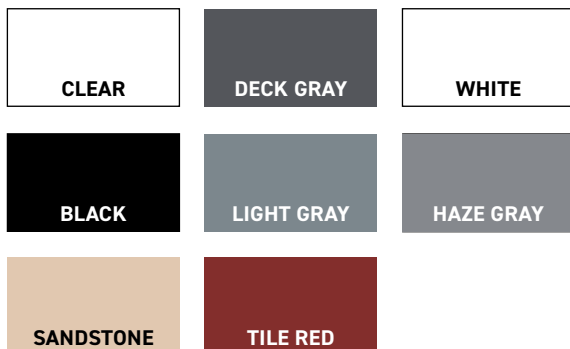
Drying Schedule	72°F (25°C) 50% RH
Tack Free	2.5 hours
Light Foot Traffic	5 hours
Heavy Traffic	48 hours
Full Cure	5 days
Minimum Recoat	4 hours
Maximum Recoat	24 hours **

\*\*Apply a second coat or next coat within 24 hours of the initial coat of 1000HS.  
If the re-coat window is missed, the coating system will need to be sanded.

## PHYSICAL PERFORMANCE PROPERTIES

PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Adhesion	ASTM D4541	> 400 psi (100% Concrete Failure)
Compressive Strength	ASTM D695	10,600 psi
Flammability	—	Self-extinguishing over concrete
Flexural Strength	ASTM D790	9,600 psi
Hardness, Shore D (24 hours)	ASTM D2240	75
Taber Abrasion (CS17 Wheel, 1000 g Load, 1000 Cycles)	ASTM D4060	90 mg loss
Tensile Strength	ASTM D638	9,200 psi

## SIMIRON U-TINT COLOR SELECTIONS



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SCAN FOR MORE INFO