



UVolve™ Instant Floor Coatings are high performance, instant cure coating systems for concrete floors. They are available in both clear and pigmented systems and cure instantly with the use of a UV light machine specifically designed for use with UVolve™ coating systems.

Features and Benefits:

- Instant cure allows for immediate traffic—even forklift.
- One component systems: no mixing, no pot life constraints or wasted product.
- Protects concrete against damage from dirt, wear and chemicals.
- Cleans easily—especially forklift tire marks.
- Lowers facility maintenance costs due to easy clean.
- Zero VOC, no solvents, and 100% solids.
- High gloss, durable finish with excellent scratch and impact resistance.

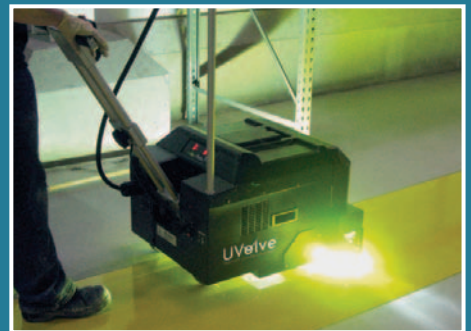
Increased Performance Over Traditional Epoxy Coatings:

- Dry hard is instant (versus days).
- Minimized downtime for rapid return to service.
- Improved hardness and wear resistance.
- Improved scratch resistance.
- Higher coefficient of friction – less slippery.
- Better resistance to a variety of harsh chemicals.
- Skid and tire mark resistant – marks wipe clean.
- Can be applied in cold temperatures.
- Achieve higher performance at thinner films (10 mils DFT vs. 20-50 for epoxies).

Cure Time Comparison

Level of Cure	Epoxy	UVolve™
Dry to Touch	6 hours	INSTANT
Foot Traffic	24 hours	INSTANT
Heavy Traffic	72 hours	INSTANT
Full Cure	168 hours	INSTANT

Epoxy coating used: Industry standard two-component, pigmented, self-leveling epoxy applied at 70°F over a primer.



Traditional epoxy floor coatings require down time for dry time. UVolve™ Instant Floor Coatings now offer an evolutionary solution for concrete. Discover an efficient, one-component UV light cure system that is ready for heavy forklift traffic just seconds after application.

www.UVolveCoatings.com



Typical Uses:

Use on a wide variety of concrete floors, including:

- Industrial and commercial warehouses
- Food and beverage processing facilities
- Laboratory floors
- Manufacturing facilities
- Residential applications

Best Designed For:

- Areas demanding rapid return to service
- Environments requiring green, zero VOC coatings
- Facilities that require superior chemical resistance
- Cold temperature applications
- Facilities that can benefit from lower maintenance costs due to easy-to-clean surface

Physical and Performance Properties*

	Epoxy**	UVolve™***
Curing Mechanism	Chemical reaction between components that are manually mixed on site.	Exposure to UV light via specially designed machine initiates reaction.
Return to Service Time	1 - 7 Days	Instant
Finish	High Gloss	High Gloss
%Solids	100	100
Components	2	1
Potlife	Varies from 20 - 60 minutes	Unlimited
Required Application Temperature (greater than)	60°F air, 55°F surface	0°F air, 20°F surface
Cleanability (tire marks)	Fair	Excellent
ft² Coverage per Gallon at 10 mils	160 ft²	160 ft²
Cross Hatch Adhesion	100%	100%
Pencil Hardness	2H	4H
Scratch Resistance	Poor	Excellent
Taber Abrasion (mg)	16	2
Coefficient of Friction (COF)	0.47	1.56
MEK Double Rubs	Dull after 100 double rubs	No dullness after 100 double rubs
Chemical Resistance	Good	Excellent

*Test methods and conditions available upon request. Both coatings compared are gray pigmented systems.

**Industry standard two-component, pigmented, self-leveling epoxy. 20 mils DFT.

*** 12 mils DFT

UVolve™ Instant Floor Coatings

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