



Frequently Asked Questions

Protection

Is Shield a topical sealer or is it a penetrating sealer that fills the microscopic gaps in the crystalline structure?

Shield provides unique, superior chemistry that delivers both penetrative and topical protection for your floor.

Can Shield prevent acid staining?

Yes, but acid spills must be neutralized and cleaned-up quickly. Shield's ability to prevent or minimize acid staining is dependent on several factors, including the porosity of the floor and dwell time before being removed.

Can Shield protect against oil and food staining?

Yes. Shield prevents the floor from immediate damage and increases the window of opportunity for clean-up.

Does it have long term value?

Yes. Shield extends floor performance and visual satisfaction by repelling water and oil, and protecting the floor from harmful spills, preventing immediate damage and increasing the window of opportunity for clean-up.

Pre-Application

Who can install it?

Anyone. Shield is easy to install. Call Curecrete's 24-hour hotline with any questions or concerns.

What is the coverage rate?

1,500-2,000 ft²/gal (37-50 m²/L) depending on the porosity of the floor.

When can Shield be applied to the floor?

Any time after 28 days from concrete placement.

Does Shield need to be mixed?

Stir or mix until thoroughly blended. Do not shake as shaking produces foam.

What floor preparation should be done before application?

Remove any dirt, oil, grease, paint, waxes, efflorescence and surface sealers before application. For best results, clean the floor with CreteClean Plus with Scar Guard™ using an auto scrubber with a blue or black pad, or a mop and bucket.

What temperature should it be for installation?

The recommended temperature range is between 40-80°F (10-26°C). The temperature of Shield, the air, and the floor can affect the success of an application. Extreme temperatures can affect the curing and flow of Shield.

Should Shield be diluted with water?

Shield is provided in a ready-to-use (RTU) concentration and is not to be diluted for standard applications. However, in hot temperatures, it may be helpful to dilute Shield with water up to 50% to prevent flash drying.

Can Shield be applied with a tank sprayer?

For consistent coverage, apply Shield with a sprayer equipped with an adjustable conical tip (approximately 0.5 gpm). Shield can also be poured directly onto the floor and distributed with a microfiber pad, however, this method will yield a lower coverage rate.

Is burnishing required?

Burnishing is not required to cure the product. However, it does enhance the floor's sheen.

Can Shield be used outdoors?

Yes, Shield is UV stable for outdoor use or for interior use where it will be exposed to outdoor light. If used in conjunction with dyes or stains, always perform a mock-up to establish the degree of protection that Shield will provide.

Post-Application

How long after application can a floor receive traffic?

Floors with Shield can receive traffic within 12 hours under typical interior conditions.

How long after application can a floor handle standing water?

Protect from water or other liquids for at least 24 hours.

How long is Shield expected to wear?

Typically 6 months to 1 year. Depends on the frequency and intensity of traffic.

How to clean equipment after Shield Application?

Rinse and flush all equipment with clean water.

How should the floor be maintained after application?

Establish a maintenance program utilizing CreteClean Plus with ScarGuard. We recommended cleaning the floor a minimum of 3 times per week depending on the amount and type of traffic.

Can Shield be reapplied?

If, due to wear, the floor requires a refresh, additional Shield can be re-applied over an existing application. Simply clean the floor with CreteClean Plus with Scar Guard and follow the standard application and burnishing instructions.

Can Shield be removed?

Shield provides both penetrative and topical protection. Shield can be removed by re-grinding the surface.

Does Curecrete offer a warranty for Shield?

Curecrete warrants this product to be free from defects.

Technical

Is Shield VOC compliant?

Yes. 30.6 g/L. This complies with all known national, state and district AIM VOC regulations. Maximum VOC content 100 g/L.

What is the shelf life of Shield?

Under proper storage conditions, in a temperature controlled environment, Shield will provide a minimum shelf life of one year.

Can Shield be frozen?

Protect from freezing.