

PRODUCT

SEMCO's X-Crete 500 is an exceptional waterproofing sealer that excels under the most demanding circumstances. X-Crete 500's low molecular weight allows for excellent penetration. X-Crete 500 fills into the pores of the substrate, in which the chemical reaction that follows creates a solid, but breathable membrane. X-Crete 500 provides long lasting protection for a vast array of surfaces over which it leaves a natural finish.



BENEFITS

- Excellent penetration
- Can be applied on damp surfaces
- Highly alkaline resistant
- Effective against freeze-thaw damage
- Unaffected by ultra-violet rays
- New and existing stamped
- Increase life of mortar, tiles, stucco, brick and natural stone

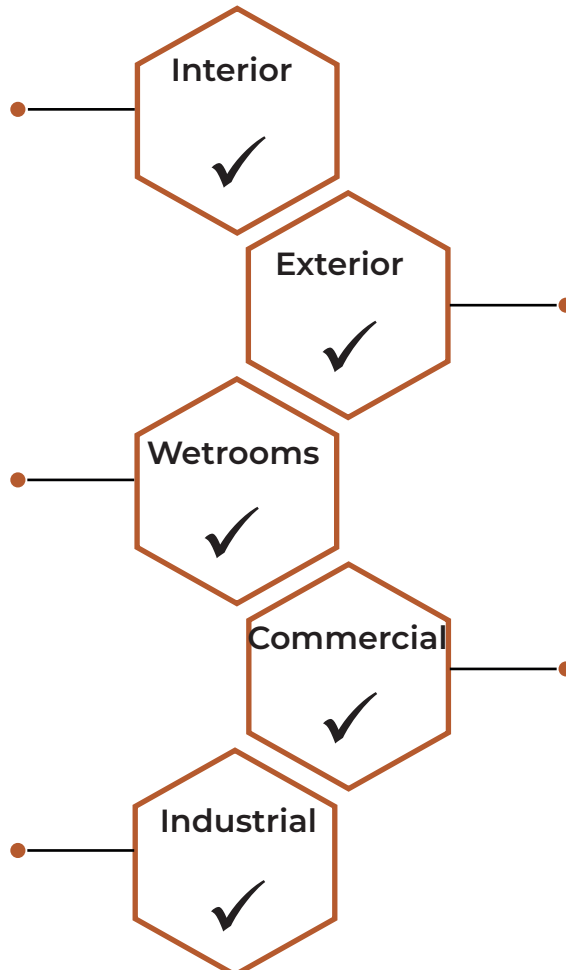
COVERAGE

COVERAGE sq ft. / 1 gal @ 3 coats

Artificial stone	200 - 250
Polished concrete	150 - 200
Stamped Concrete	300 - 350
Below grade	150 - 200

USES

Get the durability and performance of a solvent-based system to protect your surfaces from dampness.



With its low water permeability, X-Crete 500 can be used in showers.

Excellent chemical resistance and industrial strength finish allow X-Crete 500 to be used in an industrial environment.

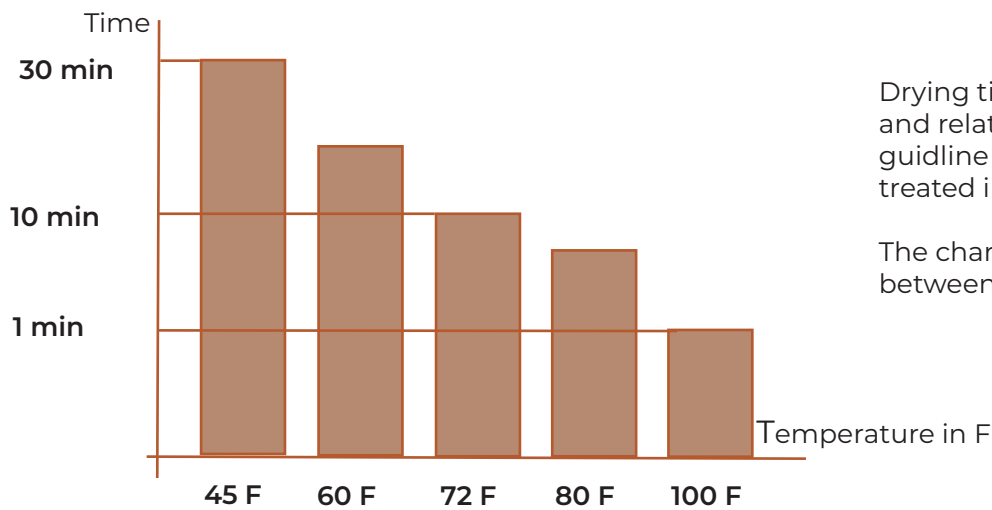
X-Crete 500 can be used moisture mitigation and waterproofing your surfaces.

X-Crete 500's performance allows to be used in commercial areas to protect your surface and decrease maintenance efforts

APPLICATION

Application	Use fine pump sprayer or airless sprayer, tip size 17
Application environment	Apply at temperatures from 50°F to 90°F
Color	Clear solvent based
Chemical type	Silane and Siloxane
Clean up	Mineral Spirits
Shelf life	3 years (ambient temperature of 60F - 72F)
Packaging	1 gallon, 5 gallons, 55 gallon drum

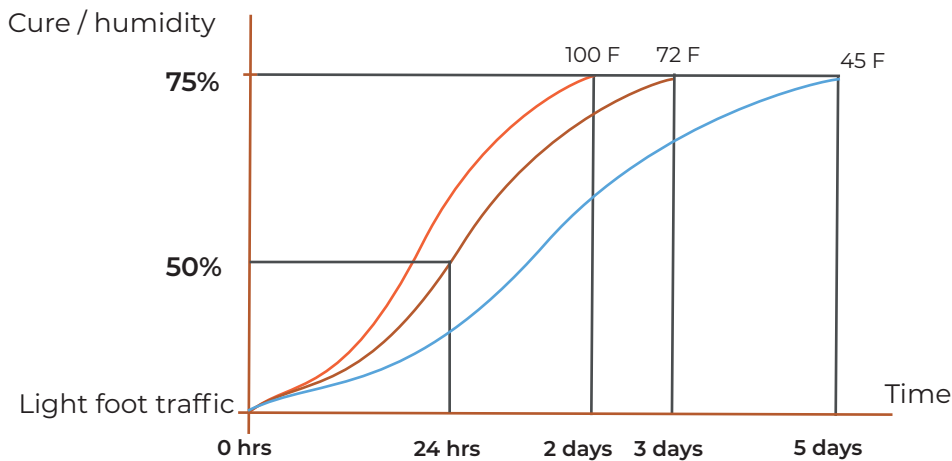
DRYING / RECOAT TIME



Drying times are affected by temperature and relative humidity. The chart represents guideline values but each project is to be treated individually.

The chart represents the time needed in between coats at specified temperature.

CURE TIME



Curing time is affected by temperature and humidity.

For example at only 45 F, a full cure would take 10 days in comparison to at 100 F it would only take 4 days to cure.

PROCEDURE

STEP 1

- Execute appropriate preparation method to suit your needs before application. Reference to the SEMCO SIP Manual under the Surface Preparation Section.
- Sweep debris off surface

STEP 2

- Apply the sealer with a 1/4" nap roller, HVLP sprayer, pump sprayer, or airless sprayer with tip size 17. Minimum of 3 coats are required to ensure maximum performance
- Repeat the application to a minimum of 4 coats. Additional coats may be required depending on the porosity of the surface (X-Bond requires, 3 coats only, other surfaces such as concrete or block may require additional coats)
- **VERTICAL** : Apply the sealer with a 1/4" nap roller, HVLP sprayer, or airless sprayer with tip size 15. Start application from bottom to top to avoid runs in the sealer. Avoid overspraying. Minimum of 4 coats is required to ensure maximum performance.

TOOLS NEEDED

- Airless sprayer with tip size 17
- 1/4" nap roller
- **OPTIONAL** : pump sprayer

NOTES

- Extended application procedures can be found in the SEMCO SIP Manual.
- Procedures for cleaning of the flooring system during operations can be found in the SEMCO SIP Manual or upon request
- Safety Data Sheets for SEMCO X-Crete 500 are available upon request.

PRECAUTIONS
Always test a small area first to determine ease of application and desired results. Gloves and eye protection should be worn during application. Do not mix with other cleaners. Not for use on humans or animals. If any contact with skin or eyes occurs, wash immediately with plenty of water. Be sure to read container label and Material Safety Data Sheet before using this product.

LIMITED WARRANTY NOTICE
The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance to SEMCO Post Matrix procedure, recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Federal, state and local specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request.

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3620 W Reno Avenue | Las Vegas, NV 89118
P 800.33.SEMCO | info@semcomfg.com

SEMCO
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