



Tips for Working with Acetone Based Products

Solvent-based curing & sealing products are superior to water-based products in several ways:

- They penetrate deeper into the concrete and bond better
- They provide deeper / richer color to decorative concrete
- They can be used to re-seal concrete because they 'wet out' the old sealer
- They can be used at lower temperatures
- They do not separate, require agitation and 'go bad' if stored for a long time

EPA regulations have made every solvent used to make concrete sealers illegal except for acetone. That is why ChemMasters has created the "A Team". Because acetone dries very quickly compared to many other solvents, some adjustments are required when using these products avoid problems. By making some adjustments to how and when you apply concrete sealers and cure & seal products, you will find that ChemMasters "A Team" products will give you all of the advantages of solvent-based products and trouble-free installations.

Tips for Applying Acetone Based Products

- If the sealer dries too quickly, blotchiness or bubbles may result. Acetone products dry very quickly even in cool temperatures. Avoid applying acetone products to hot concrete in the hottest part of the day as this speeds the dry time further making blotchiness & bubbles more likely.
- Try to keep the pail of sealer out of the sun prior to product application to keep the material cooler.

- Use a sprayer to apply acetone products instead of a roller. The spinning roller and lengthened air exposure accelerates the dry time. When using a roller, this can result in "stringiness" or "cob-webbing".
- If roller application is necessary, have additional solvent (such as xylene) available to "back-roll" areas that may become stringy. Keeping the roller "wet" with a slower evaporating solvent will also reduce cob-webbing.
- Use the 1 gallon per minute fan pattern aperture on your sprayer nozzle. A smaller tip size will aerate the product more causing it to dry quicker.
- Keep your sprayer tip within one foot of the surface.
- Maintain adequate sprayer pressure. Low pressure will cause dribbling that may leave a mottled finish, or create small puddles that can blush.
- Observe the recommended application rates. Too much sealer may cause blushing as the surface "skins" over trapping solvent underneath and forming bubbles. Don't over apply. Multiple thin coats will work much better than 1 thick coat.
- Use a sprayer designed for application of acetone products. The seals on standard sprayers may not last long with exposure to acetone. One such sprayer is Chapin's Extreme (model #19049). Conversion kits which include acetone resistant hoses and seals are also available.

Contact ChemMasters' Technical Service Department with any questions regarding acetone product application.



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