

INFUSION 44

PRODUCT CODE: 004-INF44

NON-YELLOWING, PENETRATING EPOXY/ACRYLIC INTERIOR CONCRETE SEALER

PRODUCT DESCRIPTION

INFUSION 44 is a non-yellowing, Water Based Epoxy-Acrylic designed for interior concrete sealing applications. **INFUSION 44** is a penetrating breathable coating that provides a satin or low gloss finish to a multitude of interior horizontal or vertical concrete and masonry finishes. **INFUSION 44** is self-crosslinking, which provides better film formation, early water resistance, adhesion, toughness and outstanding efflorescence and alkali resistance. It can be applied to green concrete. **INFUSION 44** provides enhanced performance over traditional acrylics with better flexibility, chemical resistance, non-blushing, adhesion, durability and hot tire resistance.

BENEFITS/FEATURES

- ◆ Can be used as a means of dustproofing most concrete surfaces.
- ◆ Epoxy and acrylic properties give this product a tough and very durable finish.
- ◆ Deep penetrating and ultra low viscosity formula allows for easy application through sprayers
- ◆ Superior efflorescence and alkali resistance compared to common solvent based acrylic sealers.

RECOMMENDED APPLICATIONS

Infusion 44 is recommended for use on Stamped Concrete, Stenciled Concrete, Acid Stained Concrete, Overlaid Concrete, Trowel finish Concrete, and many other forms of interior vertical or horizontal decorative interior concrete.

TECHNICAL INFORMATION

Solids.....	18%	Wet Appearance.....	Milky White
Drying Time.....	1 - 2 hours	Dry Appearance.....	Clear and Satin Gloss
Re-Coat Time.....	4 - 24 hours	VOC Content.....	< 100 g/l
Foot Traffic.....	4 - 6 hours	Blush Resistance.....	Good
Wheel Traffic.....	24 - 48 hours	Solvent Resistance.....	Superior
Application Temp.....	50°F - 85°F	Concrete Adhesion.....	Excellent

***Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

SPECIFICATIONS/COMPLIANCES

DRIED COATING IS USDA ACCEPTED

APPROXIMATE COVERAGE RATES

<u>Application Surface</u>	<u>First Coat</u>	<u>Optional Second Coat</u>
New (unsealed) concrete	250-350 ft ²	350-400 ft ²
Old (sealed) concrete	350-400 ft ²	350-400 ft ²

*Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided.

SHELF LIFE

Infusion 44 has a shelf life of up to one year in it's original, sealed, unopened container.

PACKAGING

Infusion 44 is packaged in 1 gallon cans, 5 gallon pails, and 55 gallon drums.

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LOW VOC SEALERS

INFUSION 44

INSTRUCTIONS FOR USE

SURFACE PREPARATION: Concrete surface must be clean and free of all contaminants and water. Do not apply if moisture could be present within 24 hours. If moisture is present or if the surface is not clean and free of all contaminants, the sealer may have white spots and have premature delamination and failure.

Substrate temperature must be no less than 50 degrees F and not exceed 85 degrees F. If applied outside these limits the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing.

MIXING: Stir well before using. Material may separate during long term storage.

APPLICATION: Apply using a 3/8" – 1/2" nap roller cover using long even uniform strokes at approximately 250-400 square feet per gallon depending on porosity and texture of substrate. A hand held pump up style sprayer may be used as well (back rolling may be necessary when spraying). Do not allow to Puddle! Thick or puddle areas may prevent the water from evaporating and may be susceptible to moisture intrusion which may cause milky white spots. Applying too thin may cause sealer to prematurely delaminate, flake or wear away. Allow sealer to dry for 24 hours for light traffic and at least 48 hours for heavy traffic. If applying two coats, wait approximately 4 – 6 hours between coats.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. If applying by spray method, extended coverage rates may be achieved, but be aware that less material will be applied and inadequate film formation or performance expectations may be limited. **DO NOT USE ON BRICK.**

CLEAN-UP

Use soap and warm water. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

Dried, cured sealer may be removed using a diamond grinding method, sandblasting method or similar mechanical action. Other forms of removal may be acceptable.

PRECAUTIONS AND LIMITATIONS

- ▶ **Infusion 44** will freeze during storage. Do not store in areas where temperatures will drop below 32 degrees F.
- ▶ It is recommended to store this product in an area where the temperature is between 50 and 80 degrees F.
- ▶ Do not allow **Infusion 44** to be subject to any form of rain or moisture for 18-24 hours after application.
- ▶ It is not recommended to apply **Infusion 44** over carpet, tile, and other types of floor adhesives.
- ▶ Coverage rates depend upon many conditions including application method, surface porosity, applicator, ect.
- ▶ **Infusion 44** was designed for decoative concrete and to be applied in two-three thin coats, not one thick coat.
- ▶ Please be aware that this product when cured may be slippery when wet.
- ▶ **Infusion 44** should never be thinned or mixed with any form of solvent.
- ▶ It is not recommended to thin **Infusion 44**. Improper thinning may cause sealer to delaminate in a short time frame.
- ▶ **Infusion 44** may slightly darken the surface of many new and existing concrete slabs. Test prior to use.

SPECIAL NOTES

Please consult Material Safety Data Sheet (MSDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 615-323-9461.

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