

PENETRATING & MOTTLING AGENT

kolour dye™ evaporation retardant

CONCRETE STAIN SYSTEMS



Kolour Dye™ Penetrating & Mottling Agent is a solvent additive for Kolour Dye systems to slow the dry time to allow better penetration and provides the user with more time to work with the product. Penetrating & Mottling Agent can be used indoors or out.

Key Features & Typical Benefits

- Improves dye penetration and mottle effect.
- Excellent for high temperature applications.
- Minimizes material waste and surface residue.

Recommended Applications

Effective on applications such as...

- Any exterior and interior concrete surfaces where enhanced penetration of Kolour Dye™ is necessary.

Specifications / Compliances

- Meets OTC, CARB, LADCO & SCAQMD VOC restrictions.

Typical Properties & Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	N/A
Dry Time - Tack Free	Refer to instructions
Dry Time - Foot Traffic	Refer to instructions
Dry Time - Heavy Traffic	Refer to instructions
Re-Coat Time Window	Refer to instructions
Application Temperature	50° F - 80° F
VOC (Volatile Organic Compound) Content	less than 700 grams/Liter
Appearance - Wet	Clear liquid
Appearance - Dry	N/A

Testing in accordance with procedures outlined in EPA Method 24, "Volatile Organic Content VOC of Paints and Related Coatings". The solids content was determined in accordance with ASTM D 5095 and the VOC was calculated in accordance with ASTM D 3960.

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Application Instructions

SURFACE PREP: Test areas are strongly recommended on the actual surface of the proposed application. Testing in several areas of the concrete will better determine suitability, coverage, adhesion and approximate final results. The application area should be clean and free from all forms of dirt, oil, alkali, paint, cure & seals, and any other form of contaminant. The concrete surface must be prepped within the proper ASTM guidelines for the specific type of protective coating to be used. Failure to open the pores of the surface adequately may result in delamination. Diamond grinding is the preferred method for most applications, however, a thorough acid etch may be sufficient if done properly. Apply a test spot to check for sufficient adhesion to the substrate prior to doing the entire job. Protect all areas not to be dyed accordingly. Apply Exterior Kolour Dye™ only to dry, cured, neutral concrete surfaces.

MIXING: Mix the desired amount of Kolour Dye Penetrating & Mottling Agent with Kolour Dye & acetone mixture prior to applying dye to concrete. See recommended amounts below. Do NOT use any form of electrical mixing equipment. Hand Mix Only!

<u>Acetone</u>	<u>Penetrating & Mottling Agent</u>
1 Quart	1 Ounce
1 Gallon	4 Ounces
5 Gallons	20 Ounces

WARNING: It is recommended to follow the manufacturer of the acetones instructions and the safety data sheet (SDS) for exposure limitations and safe handling practices. Acetone is highly flammable! Do not smoke! Turn off all portable heaters and gas pilot lights. Extinguish all open flames prior to use! Avoid sparks!

See Kolour Dye technical data sheet for all surface preparation and application instructions prior to use!

Precautions and Limitations

- This product will not freeze during storage, however, allow temperature to rise to 50°F prior to application.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- If using indoor, use proper ventilation while applying and for hours after application to ensure fumes are removed.
- It is not recommended to apply product over carpet, tile, or other types of floor adhesives.
- This product performs best when applied as one or two medium-light coats, not one heavy coat.
- Please be aware that this product when cured may be slippery when wet. An anti-slip additive, such as Surf-Grip, can be added to reduce slip hazards.
- This product is not resistant to brake fluid, gasoline, and many similar products.
- Thin only as instructed. Improper thinning may cause sealer to delaminate in a short time frame.
- This product may darken the surface of many new and existing concrete slabs. Test prior to use.
- Follow the instructions for the chosen top coat for surface prep and application instructions.
- SOLVENT VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION AND IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE, OR OTHER IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT.

CLEAN-UP: Use xylene. Dispose of containers in accordance with local, state and federal regulations.

PRODUCT REMOVAL: Material, when mixed with dye, can not be chemically stripped. A commercial sand blaster, floor sander, diamond grinder, or another similar mechanical machine is necessary.

SHELF LIFE: Up to one year from manufacture date in its original, unopened container stored at room temperature.

PACKAGING: Available in 20 oz. containers.

Always read all technical information, label and SDS prior to use. This information can be found online or by calling customer service at the number below.