

PRECIDIUM™ MTI Top Coats

DESCRIPTION

PRECIDIUM™ MTI Top Coats are Zero VOC, aliphatic coatings designed for use as the base colour and clear NS coat for the MTI floor systems. There are many colors available that have been matched to RAL colors. Other colors can be matched but we ask colors be selected from the RAL K5 Classic or RAL K7 Classic fan decks. Most of the color we have matched are from those fan decks and we have them available for color matching as well. The NS (non-skid) used for rail applications is typically NS75 which has a good coefficient of friction ease of cleaning. More aggressive NS such as NS50 or NS20 are sometimes used in areas such as wheel-chair ramps.

PROPERTIES OF CURED PRODUCT

Mix Ratio: 1:1 by Volume (Resin:Iso)
Resin Viscosity: 600-1000 cps (Colors/NS Vary)
ISO Viscosity: 50-100 cps

Volume Solids: 100%
VOC: 0

Pot Life: 15-25 minutes*
Tack Free: 60-180 minutes*
Foot Traffic: 2 hours*
Recoat: 1-18 hours

Durometer Hardness: 85A
Tensile Strength: ASTM D412: 2500 psi
Elongation: ASTM D412: 73%
Tear Strength: ASTM D624: 320 pli

Clean Up: Methyl Ethyl Ketone or Acetone
(Resin and Iso components)

* Drying time is temperature, humidity, and film thickness dependent. Thicker films will take longer to through-cure. Higher humidity will shorten cure time.

FEATURES

- **Solvent Free** - zero VOC, no flammability issues, minimal environmental impact
- **Aliphatic** - excellent color and gloss retention
- **Fast Cure** - high productivity
- **UV Resistant** - protects fading and color change and perfects color-matching for repairs.

AVAILABILITY

PRECIDIUM™ MTI Top Coats are packaged in 2 gallon kits and 10 gallon kits.

STORAGE

Store in a cool and dry place for product integrity. Store in tightly sealed containers to protect from moisture and foreign materials. Moisture contamination will result in significant reduction in pot-life.

INSTRUCTIONS

The application details provide general procedures to be followed for all applications of the **PRECIDIUM™ MTI Top Coats**. Detailed instructions may be found in the Standard Operating Procedures (SOP) for specific transit applications.

Mixing: This is a two-component system. When mixing the material, use graduated plastic mixing containers. Each batch that is being mixed on a project, will require a new plastic mixing container, however, after the project is complete, the cured material can be pulled out of the containers and they can be reused.

High-solids blending is a difficult process and requires practice and experience. First, mix Resin thoroughly before use. Combine equal parts Resin and ISO by volume. If necessary, this product may be thinned using Xylene or Acetone.

Clean up immediately after use with MEK or Acetone.

Cure time is very dependent on temperature and humidity. In cold dry conditions the cure time will be significantly prolonged.

PRODUCT SAFETY

An SDS is available on request.