

233 MV

100% Solids Epoxy Medium Viscosity Build and Finish Coat

DESCRIPTION

233 MV is a water clear, 100% solids, medium viscosity, 2-component, cyclo-aliphatic epoxy coating. 233 MV is a multi-use coating designed to provide very good abrasion and chemical resistance, UV protection, gloss retention, durability and workability for the applicator.

USES

233 MV is used where a water clear or solid color high build neat coating is required or as an easy working, self-leveling body or finish coat in broadcast or trowel applied industrial and decorative flooring systems. Its medium viscosity characteristic makes it an ideal “seed” coating to broadcast flakes or aggregate into. 233 MV meets USDA/FDA guidelines for use in federally inspected facilities and all VOC/HAPS regulations for use throughout the United States.

COVERAGE

233 MV is typically applied between 60-150 square feet per gallon per coat depending upon substrate and project requirements.

FEATURES

- 100% solids
- Faster cure available using 233 accelerator
- Able to be field-pigmented
- Excellent inter-coat adhesion to certain Tri-Chem primers and finish coats
- Medium viscosity, high building material
- Water-clear, high gloss finish
- Easy mix ratio
- Good UV and chemical resistance

PACKAGING

1.5-gallon BAG-PAK™ unit in a single pail
3-gallon BAG-PAK™ unit in a single pail
15-gallon unit in three 5-gallon pails
165-gallon bulk unit in three 55-gallon drums

TYPICAL PROPERTIES

Volume Mix Ratio	2 to 1 (resin to hardener)
Viscosity (Mixed)	900-1000 CPS Typical
Solids Content (%)	100% (ASTM D-2697)
Pencil Hardness	75-85 (Shore D)
VOC	Compliant with all US Regulations
Application Temps	60° - 85°F
Gel Time	40-50 minutes @ 75°F
Dry to Touch (recoat with compatible products)	3-4 hours @ 75°F
Through Cure	8-10 hours @ 75°F
Open for Light Traffic/Use	24 hours @ 75°F
Shelf Life	1 year in unopened units

LIMITATIONS FOR BEST RESULTS:

- Do not thin this product.
- Do not apply when Humidity exceeds 70% indoors.
- Do not allow to puddle during application.
- Allow each coat to dry to 'tack-free' or clear prior to re-coat.
- When re-coating, always apply the next coat within 24 hours of completing the previous coat.
- When pigmenting this product using lighter colors application at 15 mils or in multiple coatings may be required for full hide.

PRODUCT APPLICATION

Apply using brush, roller and squeegee TRI-CHEM product test data is based on environmental temperatures of 75°F (240°C). Viscosity and working time are always affected by temperatures above or below that mark. When applying product always consider the ambient, surface, and product temperature at the time and place of installation.

COLOR AND TEXTURES

233 MV is manufactured in water clear and can be field pigmented using TRI-CHEM colorants. Most TRI-CHEM products are available in a wide range of textures using an appropriate aggregate.

PRODUCT STORAGE

DO NOT allow TRI-CHEM products to freeze. All TRI-CHEM products should be properly stored above the floor on pallets or shelves, and in an area that has a constant minimum temperature of 50°F.

SURFACE PREPARATION

Always apply TRI-CHEM products to a clean / sound substrate that is free of laitance, grease, oils, debris, and curing compounds. Concrete substrates should be cured for a minimum of 28 days prior to application of product (except as otherwise noted on the individual Product Data Sheet). Concrete substrates should be treated with the Rock-Block System when moisture testing per ASTM F2170 shows results over 80% RH. Whenever possible, remove existing coatings and/or flooring systems completely; if complete removal is not possible always perform tests to determine adhesion and compatibility to the existing flooring. Mechanical preparation by means of a shot-blasting or diamond grinding machine to a minimum CSP-2 profile followed by application of an appropriate TRI-CHEM primer or base system is the best and recommended installation method for 233 MV applications. If the substrate is not properly prepared and the appropriate profile is not achieved, failure of the product to adhere to the substrate may occur.

CHEMICAL RESISTANCE

Always refer to TRI-CHEM's chemical resistant chart for specific information on each product/system or contact TRI-CHEM directly.

CLEAN UP

Application tools and equipment can be cleaned with soap and water immediately after use, or with solvent once the product has begun to cure.

DISPOSAL

Product containers will contain product residue and must be disposed of properly. Label warnings must be observed at all times. All containers must be disposed in accordance with federal, state, and local regulations.

IMPORTANT NOTICE

Always read and acquaint yourself with Tri-Chem's Technical Data Sheet, SDS (safety data sheet), and product labels for each individual product prior to mixing and prior to use. For further assistance, product questions, additional information and/or unexpected or unusual installation conditions—contact your local representative or Tri-Chem directly for recommendations. Kit components are pre-measured for optimal performance. Catalyzation errors due to incorrect mixing in the field voids product warranty.

WARRANTY

Information about Tri-Chem products is given, to the best of our knowledge, based on tests and experience. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you make your own tests to determine suitability of the product for the particular purpose. As products are often applied or used under conditions beyond our control, Tri-Chem cannot guarantee anything except the quality of its products. Tri-Chem warrants that the products meet the specifications set forth by Tri-Chem, but we reserve the right to change any given specification prior to notice. Tri-Chem **DISCLAIMS ALL WARRANTIES RELATING TO THE PRODUCTS AND THEIR APPLICATION, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.** Receipt of a Tri-Chem product constitutes acceptance of the terms of this limited warranty and the terms and conditions set out in our invoice, contrary provisions of buyer's purchase documents notwithstanding. Upon receipt of the merchandise, purchaser has 30 days to notify Tri-Chem, in writing, that materials are defective. In the event Tri-Chem finds that the product delivered is off specification, Tri-Chem will, at its sole discretion, either replace the product(s) or refund the purchase price thereof, and Tri-Chem's choice of one of these remedies is the buyer's sole remedy. In no event shall the liability of Tri-Chem exceed the purchase price of shipped merchandise. Claims must be in writing. Claims after 30 days are void. Tri-Chem will, under no circumstances, be liable for special, incidental, or consequential damages. This warranty supersedes all other guaranties, whether oral or written, and whether expressed, implied, or statutory. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Certain products may contain chemicals that may cause serious physical injury. Before using, please read the Safety Data Sheet and follow all precautions to prevent bodily harm.