



CIM Color Shield Topcoat | Application Guide

TWO-COMPONENT, LIQUID APPLIED,
UV-RESISTANT COATING

OVERVIEW

The application of CIM Color Shield over CIM coatings and linings (CIM) is used for a variety of reasons. CIM Color Shield can be used to offer additional chemical or UV protection, create non-skid surfaces, and add color. CIM Color Shield may be used as a decorative topcoat where gloss retention and UV stability are important. In all applications it is important to know the type of environment to which the coating will be exposed, including temperature, traffic load/abrasion, UV exposure, and chemical exposure. Not all systems work in all environments. Test patches should be performed when applying CIM Color Shield.

The Safety Data Sheets of all CIM products and cleaning solvents must be read and understood prior to CIM Color Shield application.

PRECAUTIONS

Avoid contamination with water or moisture. Keep all jugs tightly closed until ready for use. All equipment and application substrates must be dry. Do not apply in wet weather, when rain is imminent, or when the CIM Color Shield may become wet within 6 hours after coating. Use caution when applying CIM Color Shield in confined spaces. See C.I.M. Industries' Instruction Guide, "Applying CIM Within Confined Spaces" (IG-9).

TEMPERATURE

Surface should be at least 50°F (10°C) and must be 5°F (3°C) above the dew point. CIM Color Shield should be at least 50°F (10°C) when mixed and applied.

POT LIFE

45-60 minutes. Working time depends on temperature and method of application.

COATING OVER CIM MEMBRANE

The CIM membrane must be applied first. If the CIM membrane is coated within 4-24 hours, the CIM Color Shield can be applied directly to CIM membrane without additional preparation of the surface. If the CIM membrane is coated more than 24 hours after its application, the CIM membrane must be wiped with either MEK or Acetone prior to application of the CIM Color Shield. For CIM membranes that have been UV exposed for more than 30 days, the surface must be cleaned thoroughly to remove all debris and oxidation. Once cleaned, the CIM Color Shield can be applied after a final wipe with MEK or Acetone. For CIM that has an aggregate broadcast into it, the aggregate must be clean and dry prior to the application of the CIM Color Shield.

MIXING

Do not thin. Do not mix by hand. Pour the CIM Color Shield Premix into a clean and dry pail. Begin mixing the CIM Color Shield Premix using a power mixer (e.g. 1/2" drill and Jiffy Mixer). Do not draw air into the mix. While mixing, slowly add the CIM Color Shield Activator to the pail and mix thoroughly for 3 full minutes. The proportions are pre-measured, do not estimate or use partial kits.

APPLICATION

Apply using a brush, roller or squeegee to a minimum wet mil thickness of 14 mils.

RECOATING

CIM Color Shield may be recoated after 2-24 hours without additional surface preparation. If the coating has cured longer than this time, the surface must be abraded using a surface grinder or other mechanical means and be free of dust and debris.

CURING TIME

Typically, CIM Color Shield can be placed in service within 24-48 hours. Contact C.I.M. Industries for specific recommendations.

CLEAN-UP

Use xylene, toluene or MEK for clean-up of uncured material. Cured material is very difficult to remove. Soaking in solvent will soften the material and may assist in its removal.

FOR PROFESSIONAL USE ONLY.

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