

STEP 2) INSTALLATION OF 5205 PRIMER

Note: Material has a pot-life of 120 minutes based on an insulated 200 gram mass at a starting temperature of 77°F. Unlike epoxy, the 5205 will have a longer potlife if the material is left in the pail so pour out what will be needed only as needed. *Expect a 45 minute potlife when working with a 2 gal mas at normal temperature. **Warning: Unlike Epoxy, this Polyurea material has a long potlife in the container than on the floor (it dries quick when in a thin film).***

Preparation

- Shut off all sources of ignition prior to work and ground all equipment throughout the sealing process.
- Supply auxiliary ventilation as necessary to produce a safe working environment.
- This material causes light headedness, use a NIOSH approved carbon filter respirator capable of filtering organic vapors.

Mixing

Use 3 bucket mixing: Using a jiffy-type mixing blade at a minimum of 700 rpm, mix according to ratio listed on label of the 5205 A-Component with 5205 B-Component for two minutes. Mix for two minutes and transfer mix to a second mixing vessel and mix for an additional minute (transferring to a second mixing vessel prevents unmixed components clinging to the sides of the first mixing container from being poured onto the floor.)

Application

Begin by cutting-in the concrete footings and edges with a brush. Pour a band of the mixed 5205 material out onto the floor and begin rolling with a 1/4-3/8" nap roller. Work the material evenly to a wet film thickness of 4-5 mils (250-300 ft/gallon). Try and work within the control or expansion joints usually found on concrete floors. Allow the 5205 to dry to a slightly tacky state before proceeding to the next step. Following coats should be applied within 30 minutes of being tack free or light sanding may be needed to de-gloss the film. If the floor goes beyond tacky and is hard then it will need to be sanded to scuff it up so subsequent coats stick to it. Remember this system is designed for speed so don't take a long break after applying the 5205. You can also use a fingernail test; if it is fairly difficult to leave a fingernail imprint then you must sand or screen the surface before applying another coat.

Cure Times

Allow 5205 to become tacky before recoating, if necessary. Recoating after 30 minutes may require de-glossing of the surface by use of a floor buffer. Area may be opened to light foot traffic in 2-3 hours depending on environmental conditions. Area may be opened to light vehicular traffic in 12-24 hours depending on environmental conditions.

Pilot lights and surrounding sources of ignition may be put back into service once solvent vapors have dissipated to a level below the lower explosion limit. Typically, this will take 3-6 hours after floor installation with adequate ventilation.

Clean Up

Immediately cleanup splatter marks and tools with Acetone. Clean hands and exposed skin with mild soap and water, and/or citrus based hand-cleaner.

ADDITIONAL CAUTIONS AND RECOMENDATIONS

- Do not force dry any components of the Roll On Rock™ system.
- Coverage rates may vary.
- Mask all areas that need protection.
- Always wear protective clothing and equipment as required by OSHA and as needed for good safety practices.
- Read Material Safety Data Sheets before commencing work.
- Use spiked shoes when walking into wet material while broadcasting the flakes.
- Use an 18-inch roller to help speed the application and uniformity of material.
- Be sure to cross-roll and back-roll the topcoats to ensure a uniform coat.
- Do not allow material to puddle.
- Use accelerators when installing in cold climates or the return to service time needs to be fast tracked.

Turn off all sources of ignition if working with 5073 topcoat and follow safety guidelines listed in p