

RENEW Elastomeric Coating (paint grade)

Surface/Substrate Preparation:

Application Guidelines:

General:

1. Surface should be clean, dry and sound. Concrete substrates should have a minimum 28 day cure and be free of all contaminants.
2. High-pressure water blast may be required to prepare surface prior to application.
3. Repair all holes, spalling and/or damaged concrete materials.
4. Remove or grind any protruding concrete or accessories. Smooth out any irregularities.
5. Remove all delaminated materials and sand edges to smooth rough areas.
6. Check adhesion of existing coating.
7. Treat cracks greater than 1/32" with Elastomeric Joint Compound.
8. Treat cracks larger than 1/8" with sealant (Urethane).

Concrete Surfaces:

1. New concrete must be cured a minimum of 28 days before application.
2. Removing any / all laitance, contaminants, form-release agents or previously applied sealers.
3. Remove all form tie wires and repair holes, small voids, and spalls.
4. Abrasive blast slick or extremely dense concrete.
5. Testing for proper adhesion is recommended.

Brick & Masonry (CMU):

1. CMU should be fully cured and loaded.
2. Remove all excess mortar & splatters before coating application.
3. Repoint or fill any voids with the appropriate (Stuc-O-Base or PRM polymer modified Mortar).
4. Consider a skim coat of Stuc-O-Base or PRM (polymer modified Mortar) to smooth wall surface prior to Renew application.

Plaster & Stucco:

1. Clean the surface and remove all delaminated plaster or stucco and repair with Stuc-O-Base or PRM (Polymer Modified Mortar).
2. Allow new plaster or stucco to cure a minimum of 14 days at 70° F (21° C) and 50% relative humidity or until the pH level has reached 10. Allow longer cure times if temperatures are lower or relative humidity is higher.

Exterior Insulation & Finish Systems (EIFS) / Acrylic Textured Finishes:

1. Wash walls completely. Make sure any chalky surfaces are power-washed to fully remove any powders/effloresce entirely. Allow to dry
2. Refasten or re-adhere any delaminated or loose insulation following manufacturer's recommendations (as necessary).
3. Replace or patch any missing or damaged EPS to original condition.
4. Trowel acrylic finish to match and blend with adjacent texture.
5. Allow repaired areas to fully dry.
6. Sand or grind the edges of repair coatings creating a smooth transition from old to new.

Crack Preparation and Treatment:

1. Clean and patch cracks 1/32" to 1/8" with Stuc-O-Flex Elastomeric Joint Compound.
2. Feather edges creating a smooth transition to adjacent surfaces.
3. Cracks exceeding 1/8" should be routed or opened creating a V or U configuration into the substrate.
4. Apply a polyurethane sealant in the opening and feather to each side. Allow sealant to cure.
5. Consult with the sealant manufacturer to ensure compatibility.
6. Because of porosity differential between the treated joint repairs and existing wall a coat of "PrimeSeal" should be applied prior to the RENEW Elastomeric Acrylic Coating.
7. An adhesion test application should be conducted confirming compatibility and appearance.

Mixing:

1. To assure consistency mix RENEW Elastomeric Coating at slow speed using a drill and mixing paddle mixer. Use slow speed, vigorous mixing can entrap air in the coating. Air entrapment will adversely affect product performance.
2. Box your pails – mix the contents of each new pail with a partially used pail. This helps to ensure a color consistency and transitions from pail to pail.

Application:

1. Prepare the substrate and any cracks as noted above, preparation section.
2. Best to apply RENEW Elastomeric Coating in 2 coats by brush, spray, or roller.
3. Apply RENEW Elastomeric Coating achieving a minimum dry-film thickness of 8 - 10 mils.

Note: Renew has over 300% elongation characteristics. The thicker the material is applied, the greater the ability to bridge cracks in the substrate.

4. Proper thickness (WFT) shall be maintained during application to ensure coating performance.
5. Work to a natural break maintaining a wet edge during application. Better to apply in shaded areas, not in direct sun light.
6. Obtain a uniform membrane absent pinholes in a consistent film in all coated areas.

Roller:

1. Use a quality 3/4 – 1-1/4" (19 – 32 mm) nap roller cover (lamb's wool preferred).
2. Saturate the roller and keep it loaded with material insuring thickness build to required mils.
3. Roll the coating in a consistent pattern to achieve uniform thickness.
4. Backroll in one direction as stroke variations may result in uneven color and texture.

Spray Applications:

1. Commercial airless equipment will be required. Contact Technical Service for recommendations at 1-800-305-1045 / Techservice@stucoflex.com
2. Renew should be screened prior to spray application
3. Backrolling after spray application is highly recommended.

Drying Time – General Guidelines:

1. Drying time to touch in about 6 hours at 70° F and 50% relative humidity.
2. Recoat in a minimum of 12 – 24 hours.

3. Drying times can be significantly extended in cool and/or damp weather.

5. Protect RENEW from rain and extreme condensation until dry – minimum 24 hours.

Clean Up:

Clean all tools and equipment immediately with soap and water after use. Remove all splatters or spills while wet with water before it dries. Once dried, RENEW is extremely difficult to remove.

Considerations for Best Performance:

- Protect surrounding areas against overspray and splatter.
- Protect product from freezing.
- Do not apply to frozen or frost-covered surfaces or temperatures below 40° F (4° C) or when temperatures are expected to drop below 40° F (4° C) within 24 hours after application, absent proper heating & protection.
- Do not use where there may be hydrostatic water transfer from the backside of the substrate.
- Do not apply to improperly sealed substrates that are subject to rising dampness or migrating moisture.