
MEDICI™ POLYUREA COLOUR COATING SYSTEM

FEATURING THE POLYUREA-1 HD SINGLE COMPONENT ALIPHATIC POLYUREA

FREQUENTLY ASKED QUESTIONS

- 1. Being that the Polyurea-1 HD is a single component, moisture cured product, what if any are the temperature restrictions for application? Will the product cure if installed during the winter?**
 - ❖ CFFS does not recommend installing the Medici Polyurea Colour Coating System at temperatures below 40°F. When the temperature gets this low it not only will delay the curing of the Polyurea-1 HD but also has an effect on the relative humidity in the air. The lower the humidity the longer the product will take to cure. In this case there are two negative forces working against the installation procedure.
 - ❖ In colder temperatures CFFS suggests either conditioning the area to a suitable temperature or allowing longer cure times between coats. It will be imperative to follow the **Re-Coat Window Chart** to see the allowable maximum timeframes based on temperature and humidity.
- 2. Will the finished floor be slippery? What is the best way to provide some traction in wet conditions?**
 - ❖ When the Medici Polyurea Colour Coating System cures it is completely non-porous and therefore can become very slippery when wet. CFFS strongly recommends either mixing aluminum oxide into the topcoat while applying or broadcasting aluminum oxide or clear silica sand into the wet topcoat and backrolling it in. Heavy concentrations of anti-slip additives can be added based on the customer's needs, and should be discussed during the bidding process. It is also suggested to supply the customer with a finished sample board that they can verify as satisfactory prior to the application of coatings.
- 3. Does this system require the application of a topcoat or is the colored basecoat substantial enough?**
 - ❖ The Medici Polyurea Colour Coating System utilizes multiple coats of our Polyurea-1 HD Single Component Aliphatic Polyurea to create an extremely abrasion resistant and durable finish. The color coat, often known as the basecoat is very strong by itself but is more prone to visible scratches than a clearcoat would be. For this reason CFFS requires, for warranty coverage, that a clearcoat of either Polyurea-1 HD or PG-100 be applied to protect the color coat and provide additional thickness to the floor coating. The clearcoat will also serve the purpose of an encapsulation coat for the anti-slip aggregate, providing better longevity of the texture.
- 4. What is the warranty for a Medici Polyurea Colour Coating System?**
 - ❖ CFFS stands behind this revolutionary new floor coating with the same 20 year Residential warranty as the rest of our systems. The Commercial warranty will be project specific to cover individual needs and traffic requirements with a maximum term of 5 years. When applied by a certified Citadel installer over properly prepared concrete, testing results show incredible adhesion and wear resistant properties.
- 5. Is the Medici Polyurea Colour Coating System color tint different than the normal Universal Color Tint offered by Citadel? Can I use the variety of colors for other purposes?**
 - ❖ Both the Medici color tints and the Universal color tints have the same chemical makeup and can be used in the majority of our products. The restriction to this would of course be our Epoxy materials – **CFFS Ultra-Hydro Stop Primer and CFFS Level-Hard**. While the unique colors offered under the Medici name may not be necessary for chip broadcast or quartz floors, they will allow all certified Citadel installers to customize their application to meet any potential customer's needs. With the wide variety of colors available, the possibilities are endless.