

PI.124 - QUICK NOTES: HERMETIC™ Neat Floor “Orange Peel” Finish

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The following guide is designed to assist the experienced trained and certified installer with the application of an “Orange Peel” for use on a HERMETIC™ Neat Epoxy Floor.

Before the application of any epoxy coating, please read and understand the Product Information Sheets, Technical Data Sheets and Safety Data Sheets pertaining to all of the products to be used. Improper preparation, application or understanding of other important variables may result in job failure and/or personal injury.

Description	“Orange Peel” finish is commonly used as a final very slightly textured topcoat for industrial floor coating applications when an extremely cost effective floor is required.
Designed for	Use over approved epoxy floor coating products only. Although there are multiple product options listed below, generally E100-PT4™ Pigmented Epoxy is the base coat of epoxy that will receive the orange peel finish. This combination is typical for higher volume areas where a lower priced, competitive bid is required. The specification would include 1 to 2 coats of E100-VB5™ if moisture related issues are present or anticipated. Followed by 1 coat of E100-PT4™ applied at a rate of 125 to 150 sq. ft. per gallon. Then the orange peel finish coat applied at 375 to 425 sq. ft. per gallon in the same color of E100-PT4™ Pigmented Epoxy.
Preparation	<ol style="list-style-type: none"> 1. Ensure the existing epoxy coating is clean and free of any dust, debris or contaminants. 2. If the existing epoxy coating has been down for longer than 24 hours, it is recommended to lightly solvent wipe (not flood) the surface with clean, lint free towels and clean xylene. Allow solvent to completely evaporate off and dry before applying the orange peel finish. 3. If the existing epoxy coating has been down for longer than 48 hours, it is recommended to lightly sand the surface with a 150 to 200 grit screen or paper followed by a light solvent wipe.
Application	<ul style="list-style-type: none"> • The target application rate is 375 to 425 sq. ft. per gallon. Be familiarized with the size of the floor before mixing the epoxy. • Mix only the amount of epoxy that can be applied within a 15 minute time frame. This is to be determined by floor layout, the amount of staff, experience level and available tools and equipment. • Once the epoxy is mixed, pour in thin ribbons on the surface while taking into consideration the amount of epoxy verses the targeted square foot rate. DO NOT pour in large wide ribbons or in puddles or the finish will not be consistent in texture, thickness or aesthetics. • Apply with a clean, lint free 3/8” nap roller. Experienced installers can
Advantages	<ul style="list-style-type: none"> • Finish will break light reflection to hide future surface blemishes. • Covers imperfections in the previous epoxy coat. • Increased abrasion and slip resistance. • Decreases cost as compared to thicker mil coatings.
Products	<ul style="list-style-type: none"> • E100-PT4™ • E100-PT1™ • E100-UV1™ • E100-VR1™ <p>Note: “Orange Peel” finish cannot be achieved using the powder pigment for clear 100% solids epoxies as the result will be a grainy, uneven finish.</p>

For additional information, contact an Elite Crete Systems technical office.