SEAL KRETE® HIGH PERFORMANCE
EPOXY-SHELL™ PRO CLEAR DEEP TINT BASE

DESCRIPTION AND USES

SealKrete® High Performance Epoxy-Shell™ Pro Clear Deep Tint Base is a two component, water-based epoxy floor coating designed for finishing concrete garage floors that are in good sound condition and are free of curing agents and sealers. It is not intended for use on unsound previous coatings or floors that have a moisture problem.

Not intended for areas exposed to direct sunlight. Allow newly poured concrete to cure for a minimum of 28 days prior to coating.

Dries to a gloss finish. This deep tint base can be tinted at the paint counter to 9 standard colors, and is also a grab and go clear topcoat.

PRODUCT

SKU	DESCRIPTION (Gloss)
370456	Clear Deep Tint Base 1 Car Kit

KIT CONTENTS

- Part B (Base) 92.5 fluid ounces (2.74 liters)
- Part A (Activator) 27.5 fluid ounces (813 mL)

PRODUCT APPLICATION

READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT

SURFACE PREPARATION

NEW CONCRETE: Laitance must be removed by diamond grinding for a minimum of 28 days. The concrete must be structurally sound, dry, and free of grease, oils, dust, curing compounds and other coatings or contaminants. Surface laitance must be removed. Rising moisture vapor emission rate must not exceed 3 lb. per 1000 sq. ft. over a 24 hour period as measured by calcium chloride test method ASTM F-1869. The preferred method of surface preparation is to mechanically abrade the floor by diamond grinding to achieve a final 80–120 grit finish, reference profile CSP-2 according to ICRI. If patching is required, use SEAL-KRETE Fast Cure High Strength Concrete Repair.

PREVIOUSLY COATED: Previously coated surfaces must be sound and in good condition. Smooth, hard, or glossy finishes should be scarified by sanding or sweep blasting to create a surface profile. Epoxy-Shell Pro is compatible with most coatings, but a test patch is suggested.

Concrete must be visibly dry at time of application.

MIXING

DO NOT mix the decorative paint chips with Epoxy-Shell Pro Clear Deep Tint Base. If multiple kits are being used, all Part B's (base) should be power mixed together in one 5 gallon plastic pail to ensure consistency in color. Prior to emptying each can, insert a clean paint stirring stick to determine how much paint is in the can, then mark the paint stirring stick with a pen at the fill level.

PRODUCT APPLICATION (cont.)

MIXING (cont.)

You will be refilling each gallon can after you power mix, so it is very important that you fill each can back up to the original fill level.

Pour all Part B's (base) into a 5 gallon plastic pail and power mix until homogeneous in color. Pour mixture back into gallon cans and fill to previous fill level, using the paint stirring stick as a guide. Replace lid until ready to power mix with Part A (activator). Do not mix more than one kit at a time. Pour all of Part A into Part B and stir thoroughly for at least 3 minutes. (Note: Parts A and B must be power mixed as stated.) See charts on next page for appropriate application times and pot life. Do not leave container in direct sunlight . Mix again before applying. To ensure even gloss and color, the coating must be applied within the times stated on the charts.

Note: When concrete is coated, it typically produces a smoother surface than bare concrete and can become slippery when wet.

APPLICATION

Apply only when air, material, and surface temperatures are between 60-85°F (15-29°C) and the surface temperature is at least 5°F (3°C) above the dew point. The relative humidity should not be greater than 85%. After allowing for the induction period, cut in the perimeter of the floor along the wall, or other areas where a roller cannot reach, using a brush or edger before beginning roller application. Use a synthetic 3/8" nap roller cover on a 9" roller frame to apply an even coat of Epoxy-Shell Pro Clear Deep Tint Base onto the surface. Limit the application to 4x4 foot (1.2m x 1.2m) sections at a time to make it easier to distribute the colored chips onto the freshly coated surface. Scatter the decorative chips up and away from you so they land flat on the wet paint, then continue on to the next section. Note: Fresh paint can be applied over the loose chips lying outside the previously painted area. Maintain a wet edge to prevent lap marks and gloss differences. Only one coat is necessary under most circumstances. Epoxy-Shell Pro Clear Deep Tint Base must be used within 1 to 2 hours of initial mixing.

DRY TIME

Dry time is based on 70ºF and 50% relative humidity. Allow more time at cooler temperatures. The surface should be ready for light foot traffic in 12-16 hours. Allow 24-48 hours before placing heavy items and for normal foot traffic. Allow 3 days for full cure and vehicle traffic.

CLEAN-UP

Wash tools and equipment with warm water and a mild detergent immediately after use. To remove dried product use lacquer thinner. Clean up drips or spatters IMMEDIATELY with water as dried paint is very difficult to remove. Properly dispose of all soiled rags.

Form: ARJ-2157
Rev.: 013123

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If temperature is 60-70ºF (16-21ºC) Allow product to stand after mixing	
Start brushing (trimming edges):	5 minutes after power mixing
Start rolling:	5 minutes after power mixing
Use all mixed product within (pot life):	2 hours after mixing
Best time to paint is mid-afternoon (after 1 PM) to ensure best curing conditions and maximum pot life	

If temperature is 71-80°F (22-27ºC) Allow product to stand after mixing	
Start brushing (trimming edges):	5 minutes after power mixing
Start rolling:	5 minutes after power mixing
Use all mixed product within (pot life):	1.5 hours after mixing
Best time to paint is early morning (before 9 AM) to ensure best curing conditions and maximum pot life	

If temperature is 81-85º (27-29ºC) Allow product to stand after mixing	
Start brushing (trimming edges):	5 minutes after power mixing
Start rolling:	5 minutes after power mixing
Use all mixed product within (pot life):	1 hour after mixing
Best time to paint is early morning (before 9 AM) to ensure best curing conditions and maximum pot life	

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PHYSICAL PROPERTIES

		EPOXY-SHELL PRO CLEAR DEEP TINT BASE
Resin Type		Amine Cured Epoxy
Pigment Type		N/A
Solvents		Ethylene Glycol Monopropyl Ether, Water
Weight	**Per Gallon**	10.50–10.60 lbs.
	Per Liter	1.25–1.27 kg.
Solids	**By Weight**	62.6–63.3%
	By Volume	52.6–52.8%
Volatile Organic Compounds		<50 g/l (0.42 lbs./gal.)
Mixing Ratio		2.75:1 (Base to Activator by volume)
Induction Period		Varies with temperature- See chart in directions
Pot Life @ 70-80°F (21-27°C) and 50% Relative Humidity		Varies with temperature- See chart in directions
Recommended Dry Film Thickness (DFT) per Coat		3.0-3.5 mils (75-87.5µ)
Wet Film to Achieve DFT (Unthinned material)		6.0-7.0 mils (150-175µ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		Approximately 250 sq. ft. (6.2 m^2/l)
Dry Times based on 70-80°F (21-27°C) and 50% Relative Humidity	**Foot Traffic**	24 hours
	Vehicle Traffic	3 days
Shelf Life		5 years
Flash Point		>200°F (93°C) Activated material
Safety Information		For additional information, see SDS

Calculated values may vary slightly from the actual manufactured material.
*Activated material.