

CHOOSE YOUR CONCRETE TOPPING!

Compare properties of today's products and select the one to give you a lifetime of quality service.

Description of Capability	Keystone Kool Deck	Polymer Cement Coatings	Epoxy Rock	Elastomeric (Rubber)	Paints & Stains
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COST & MAINTENANCE

Installation Cost	Overall lowest cost. Surface and concrete base installed in 1 day.	Expensive polymers. Installation time 1 day for base plus 2 or more days for topping.	Most expensive polymers. Installation time 1 day for the base plus 1 day for the topping.	Expensive polymers. Installation time 1 day for the base plus 1 day for the topping.	Cost varies. Installation time 1 day for base plus 1 day for paint of stain.
Maintenance Cost	Just rinse with hose and an occasional scrubbing with soap and water.	Periodic recoating.	Yearly applications of epoxy re cement lose rocks. Periodic chlorination to kill algae.	Frequent repair to deteriorating areas.	Frequent repainting or staining.

PRODUCT FEATURES

Comfort	Significantly lowers concrete surface temperature.	Hotter than Keystone Kool Deck.	Increases temperature.	As hot if not hotter than concrete.	As hot if not hotter than concrete.
Safety	Textured, non-skid surface, wet or dry.	Smooth polymer coated cement and aggregates. Textured to imitate Keystone Kool Deck	Rock coated with a smooth epoxy film	Usually not textured but soft.	Sand must be added to produce sharp non-skid surface.
Product Integrity	38 years of excellence.	17 years or less.	20 years or less.	11 years of less.	Unknown
Colors	10 standard with endless variations.	Several	Limited only by the available stone.	Several	Largest variety.
Color Fastness	Inorganic colors that don't fade.	Organic colors that can fade.	Natural color of rock doesn't fade but epoxy enhancement does.	Organic colors that can fade.	Organic colors that can fade.
Strength	Cement is the binder. Same as concrete.	Plastic is the binder.	Plastic is the binder.	Elastomeric (rubber) plastics are binders.	Plastics are the binders for paint.
Physical Appearance	Unique and the "original" Keystone Kool Deck.	Tries to copy Keystone Kool Deck.	An enhanced version of exposed aggregate.	Looks similar to some interior floor tile.	Sand tread type surface for paints.

ENVIRONMENTAL FACTORS

Surface Failure from Thermal Stress	No stress - coefficient of expansion and contraction are the same for both base and topping.	The extreme differences in the coefficients of expansion and contraction of plastics and epoxy versus concrete causes high stresses in the surface that can result in failure; including delamination.			
Surface Failure from Freeze - Thaw	Although water-resistant, it is not sealed to moisture passage.	Plastic films tent to stop the passage of moisture in concrete and cause water to build up under the surface. When it freezes, the pressure of the ice causes delamination.			
Ozone & UV Radiation	No ingredients in this product are affected.	Milking and caulking up to and including complete failure of plastics and paints.			
Environmentally Safe	Made from natural materials No petrochemicals.	Oil based compounds.	Oil based compounds.	Oil based compounds.	Oil based compounds.