TK6™ NanoCoat

The product you've been waiting for: a single-component coating that can *almost* **do it** *all*

The perfect final step in concrete polishing *fills pores and adds or reduces gloss without risk of whitening*

Adheres to alkalines *such as ASR-compromised concrete;* ***and*** **adheres to acidics** *such as incompletely neutralized acid-stained substrates*

Seals/protects a multitude of substrates *– open and polished concrete, block, brick, pavers, stucco, stamped concrete, micro-toppings, self-leveling cements and many dimensional stones –* **exterior and interior**

Very high abrasion-resistance *for superb durability*

Outstanding stain resistance *for multi-site use*

Efflorescence resistance *for easier cleaning*

TK6™ is new self-cross-linking nano-based waterborne copolymer that may just be the most versatile and important high-performance coating on the market.

TK6 is the most effective final step available for the protection of polished concrete or cement floors. Depending on substrate, it is a primer coat or a finish coat, appropriate for single or multiple coats, to be used alone or with StoneLok™ "E3", "2K" or MLT Plus.

It performs with equal excellence over alkaline and acidic substrates, solving two major problems of finished concrete floors: ASR and incomplete acid neutralization.

TK6 is UV stable for exterior and interior use, for use over both tight and open surfaces. It is very fast dry for job-site efficiency, water submersible with early water resistance, low odor, and offers excellent blush resistance. It is VOC compliant, and both a color carrier and colorable sealer.

With this product, RJSC again takes the lead in innovative cross-linking chemical technology which its StoneLok™ line of waterborne coatings has made famous.

CHEMICAL RESISTANCE (12 hour covered spot test)	RESULTS	ASTM METHOD
10% Hydrochloric Acid	No Effect	D 1308-87
10% Nitric Acid	No effect	D 1308-87
10% Sulfuric Acid	No Effect	D 1308-87
10% Ammonia	No effect	
Saturated Sugar Solution	No Effect	D 1308-87
Saturated Salt Solution	No Effect	D 1308-87
Methanol	No Effect	D 1308-87
Skydrol	slt soft/recovers	D 1308-87
Mineral Spirits	No Effect	D 1308-87
Gasoline	No Effect	D 1308-87
Xylene	No Effect	D 1308-87
Motor Oil [dirty or clean]	No Effect	D 1308-87
Clorox	No Effect	D 1308-87
TSP	No Effect	D 1308-87
Brake fluid	very slt soft/recovers	D 1308-87

PROPERTY	RESULTS	ASTM METHOD
% Solids	25 - 35 typical	D 3960
Weight Per Gallon (in lbs)	8.87	D 1475
VOC	95 g/L	D 3960
Pot Life	NA	NA
Recoat Time	2 – 24 hours	NA
Set to Touch	2 hours	D 1650
Print Free Time	10 hours	D 1650
Gloss (60° Specular)	48	D 523
Pencil Hardness	5H	D 3363
Direct Impact Resistance	G 14-88	>160 in/lbs
Indirect Impact Resistance	G 14-88	>160 in/lbs
Abrasion Resistance (CS-17 Disk, 1000 grams, 1000 cycles)	40 mgs loss	D 4060

Available in Gloss and XTRA Low Gloss, in gallons and 5-gallon pails. Application is with pump-up sprayer plus microfiber pad, or HVLP, roller or squeegee. Two coats are used, first often 30% water-diluted. Burnish with 400-grit diamond-embedded pads on low speed machine for highest gloss/top performance. Coverage ranges from ~250 – ~1000 sq.ft./gal/coat, substrate dependent. Apply at 60°F - 85°F ambient and substrate temperature. Low humidity and good air flow are important.

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