

# COUNTERTEK™

# 6 NANO COAT

- 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.
- HIGH ABRASION-RESISTANCE FOR SUPERB DURABILITY.
- OUTSTANDING STAIN RESISTANCE FOR MULTI-SITE USE.
- EFFLORESCENCE RESISTANCE FOR EASIER CLEANING.

CounterTek™ 6 NanoCoat is a self-cross-linking nano-based waterborne copolymer that may just be the most versatile and important high-performance coating on the market.

CounterTek™ 6 NanoCoat 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 CounterTek® 2K Pro 2 Urethane.

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

CounterTek™ 6 NanoCoat is UV stable for exterior and interior use, for use over both tight and open surfaces. It is very fast drying for jobsite 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. When totally cured, CounterTek™ 6 NanoCoat meets the performance characteristics of FDA 4-101.11 for food contact surfaces.

<u>Chemical Resistance</u>	<u>Results</u>	<u>ASTM Method</u>
(12 hour covered spot test)		
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 Bleach	No Effect	D 1308-87
TSP	No Effect	D 1308-87
Brake fluid	very slt soft/recovers	D 1308-87

<u>Property</u>	<u>Results</u>	<u>ASTM Method</u>
% Solids	25-35 typical	D 3960
Weight Per Gallon (in lbs)	8.87	D 1475
VOC	95 g/L	D 3960
Pot Life	N/A	N/A
Recoat Time	2-24 hours	N/A
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	60 mgs loss	D 4060
<small>(CS-17 Disk, 1000 grams, 1000 cycles)</small>		

Available in Gloss and Extra Low Gloss finishes, packaged in Quarts, Gallons, and 5 Gallon pails.

Coverage:

~250 - 1000 sq. ft / Gal / coat, dependent on substrate porosity.

Application:

Apply with sprayer or nap roller. For concrete apply two coats, topcoat with CounterTek™ 2K Pro 2 Urethane for increased abrasion resistance. First Coat can be water diluted up to 30% to aid in penetration if necessary. Burnish with 400 grit diamond embedded pads on low speed machine for top performance. Apply at 60°-85° F ambient and substrate temperature. Low humidity and good air flow are important.



Concrete Sealers & Concrete Coatings

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