

FloorTek 6 Nanocoat

A Single Component Coating With Unmatched Versatility

Superb final step in concrete polishing

fills pores and adds or reduces gloss without risk of whitening.

Adheres to alkaline conditions

including ASR compromised concrete

Adheres to acidic conditions

including poorly neutralized acid stained substrates.

Seals/ protects a multitude of substrates

open and polished concrete, block, brick, pavers, stucco, stamped concrete, micro toppings, self leveling concretes and many dimensional stones interior and exterior

Very high abrasion resistance

FloorTek 6 Nanocoat is a self crosslinking nano-based waterborne copolymer that provides a unique set of benefits based on exceptional penetration, adhesion and finish versatility.

Depending on substrate, FloorTek 6 can be diluted to be a penetrating primer. Full strength FloorTek 6 can be used as a finish coat with one or more coats and/ or with the industrial strength final coats of FloorTek Epoxy Gen 3, FloorTek 2K Pro2 or FloorTek CTS Pro.

FloorTek 6 is a problem solver over alkaline surfaces and poorly neutralized acid stained concrete.

FloorTek 6 is UV stable for exterior and interior use, for use over both tight and open surfaces. It is very fast for job site efficiency, water submersible with early water resistance, low odor, and offers excellent blush resistance. It is VOC compliant, and is both a color carrier and a colorable sealer. When totally cured ATG FloorTek 6 Nanocoat meets the performance characteristics of FDA 4-101.11 for food contact surfaces.

CHEMICAL RESISTANCE	RESULTS	ASTM
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	D 1308-87
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	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
% solids	25-35 typical	D 3960
weight/gallon	8.87	D 1475
VOC	95 g/L	D 3960
recoat time	2-24 hrs	NAD 1650
set to touch	2 hrs	
print free time	10+ hrs	D 1650
gloss (60° specular)	48	D 523
pencil hardness	5H	D 3363
direct and indirect impact resistance	G 14-88 >160 in/lb	
abrasion resistance	60 mg loss	D4060

Available in gloss, and extra low gloss, also anti-skid, in gallons, 5 gallon pails and drums. Application is with a 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 from ~250 - ~1000 sq. ft./gallon/coat, substrate dependent. Apply at 60°F to 85°F ambient and substrate temperature. Low humidity and good air flow are important.

For technical assistance contact:
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