

NanoSeal GT

Tile Sealer

A unique nano-technology, ultra-low gloss single-component coating for an amazingly broad range of applications. NanoSeal GT is a topical sealer and does not penetrate into the cement. It is designed to bond to the surface of the material to create a protective barrier. While ideal for encaustic cement tile, it can be used over all types of masonry and engineered cements.

NanoSeal GT is UV stable for exterior and interior use, for use over both tight and open surfaces. It is very fast drying for job-site efficiency, water submersible with early water resistance, low odour, and offers excellent blush resistance.

Chemical Resistance	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	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	No Effect	D 1308-87
Clorox	No Effect	D 1308-87
TSP	No Effect	D 1308-87
Brake Fluid	Very soft/recovers	D 1308-87

Property	Results	ASTM Method
% Solids	25 - 35	D 3960
Weight per Gallon	8.87 lbs	D 1475
VOC	95 g/L	D 3960
Pot Life	N/A	N/A
Recoat Time	2 – 24 hrs	N/A
Set to Touch	2 hrs	D 1650
Print Free Time	10+ hrs	D 1650
Gloss (60° Specular)	48	D 523
Pencil Hardness	5H	D 3363
Direct Impact Resistance	G 14-88	>160in/lbs
Indirect Impact Resistance	G 14-88	>160in/lbs
Abrasion Resistance	60 mgs loss	D 4060

It is VOC compliant, and both a colour carrier and colourable sealer. When completely cured, NanoSeal GT meets the performance characteristics of FDA 4-101.11 for food contact surfaces.

Coverage is 250 sq.ft to 1000 sq.ft per gallon/coat, substrate dependent. Apply at room temperature and in low humidity with good air flow. Store at room temperature and do not let freeze before applying.

Follow product directions for application and surface preparation. Close and properly dispose of bottles and treat as job-site chemical waste. Clean up using soap and water. A small amount of acetone assists in cleaning spray guns.

Subject to Geon Tile limited warranty and restocking policy. For full maintenance procedures and additional support, please visit geontile.com.