

TefloCon®

Description

Concreation Water-Based TefloCon Floor Finish is a water-based acrylic, self cross-linking, nano-polymer emulsion modified with Teflon specifically developed for burnished floor finish applications. This high performance coating is formulated at <100 g/l VOC to protect and enhance the appearance of a variety of concrete based construction materials for residential and commercial applications.

Concreation Water-Based TefloCon Floor Finish provides a unique combination of properties for a wide range of horizontal and vertical masonry coatings. Concreation Water-Based TefloCon Floor Finish based coatings do not blush, have great exterior durability, and adhere well leading to long lasting, attractive coatings. They also provide good chemical resistance enhancing appearance by resisting discoloration from dirt and spills. Concreation Water-Based TefloCon Floor Finish will not yellow and can enhance the color of the substrate when applied in 2 or more coats. Good early water resistance and fast dry time result in faster application and fewer concerns. Contractors have reported that Concreation Water-Based TefloCon Floor Finish is easier to apply when used side by side with existing commercial coatings.

Applications

- May be applied to steel trowelled, honed and polished concrete finishes
- Improves performance, appearance and light reflectance of new or old concrete
- Low maintenance flooring systems
- High abrasion resistant flooring systems
- Polished concrete flooring systems
- Alkaline & efflorescence resistance
- Early block resistance
- Non-yellowing
- Faster application and facility use
- Reduced application restrictions due to odor to customers
- Long lasting, quality coating
- Easy application and clean up
- Can be applied to damp concrete
- Broad application space
- Minimizes discoloration spills
- Can be used on high pH substrates (Hot concrete)
- Enhances color and substrate appearance
- Reduces dirt pickup and improves appearance
- Meets or exceeds environmental regulations

Features and Benefits

- Excellent blush resistance
- Good early water resistance
- Short dry time
- Virtually odorless
- Chemical resistance

Physical Properties:

Appearance:	Milky white emulsion
Coverage:	12.3m ² -17.4m ² /L (500-700 sq.ft. / gal.)
Solids, weight (%):	26.3
Solids, volume (%):	23.8
Density(g/ml):	1.0
Density(lbs/gal):	8.6
VOC – gm./liter:	96.4
VOC – lbs./gallon:	0.8
Walk on:	30 - 60 min.
Burnish:	60 - 90 min.
Freeze/Thaw Stability:	Yes
Thermal Stability:	Yes
Mechanical Stability:	Yes
pH:	8.8 - 9.2
Viscosity, Brookfield (cps):	142 - 175
Flash Point (°C):	Not flammable WHMIS

Flash Point (°F):	Not flammable WHMIS
Packaging:	18.9 L (5 gal.) pail
Storage:	Store in a cool dry area. Do not leave pails exposed to sun or hot temperatures.
Shelf Life:	1 yr. if unopened.