

DESCRIPTION

WearCOAT 3020 is a water-soluble Lithium Silicate formulation that penetrates the pores of concrete and absorbs into the concrete by means of a chemically activated capillary action. Upon contact with the calcium in the concrete, a colloidal gel forms, which permanently bonds to the concrete and fills the pores, improving resistance to water, chemical attack, and abrasion.

COLOR

Clear.

PACKAGING

Available in 1 gallon, 5 gallon, or 55 gallon containers.

FEATURES

- Lithium silicate formulation applies easier and performs better than potassium or sodium silicates.
- Penetrates and hardens concrete.
- Zero V.O.C.
- Improves gloss and hardness if used in conjunction with polishing.

USES

WearCOAT 3020 is used to prevent surface deterioration caused by chemical attack and moisture, as well as improving abrasion by hardening and densifying the surface.

WearCOAT 3020 reduces dusting and decreases maintenance of concrete slabs.

READ THE SAFETY DATA SHEET PRIOR TO USE.

Technical Data

Coverage Rate: 600-1200 sq.ft./gal.

Minimum Application Temp.: 50°F

Dry Time @ 70°F, 50% R.H.: 1 hour

VOC: 0 g/L

Flash Point: >200°F

Volume Solids: 12%

Shelf Life: 2 years if unopened

Cleanup Solvent: Water

Number of Coats: One

Thinners: Not recommended

Storage: Do not freeze

SURFACE PREPARATION

WearCOAT 3020 should not be applied to any surface that has already been treated with compounds that might prevent penetration of the silicate (i.e. paint, oil). Concrete must be thoroughly cleaned of all grease, oil, dirt, and contaminants and then abraded to open the surface so that the WearCOAT 3020 can effectively penetrate the slab. The degree of cleaning that is necessary is determined by the current state of the concrete.

DILUTION

Do not thin. Apply as supplied.

APPLICATION

WearCOAT 3020 may be applied by brush, squeegee, sprayer, or scrubbing machine. Apply product so that the floor is fully wetted but not puddled. Spread the product using a soft bristle broom or microfiber applicator. Maintain the wet surface for about 10 minutes. If any areas are drying within that time, lightly reapply.

Do not allow areas to puddle as it will extend dry time and may alter the appearance.

After treated surfaces are dry, remove any residue or powders using a stiff broom or floor scrubbing machine.

The finished surface may be polished with a buffing machine in order to achieve a high sheen.

PRECAUTIONS

Keep away from children. Do not take internally. If taken contact physician. When spraying, wear a protective mask to resist inhaling. In the event of eye contact, flush with water for 15 minutes and seek medical attention.

KEEP FROM FREEZING.