



Cornerstone™ Floor Sealer/Finish

Technical Data

August 2006

Description:

3M™ Cornerstone™ Floor Sealer/Finish is a water-based emulsion floor sealer/finish. It is milky-white in appearance and composed of resins, polymers, emulsifiers, surfactants, and water.

Special Features:

- Specifically designed for a brilliant, long lasting gloss
- Easy application – low mop drag
- Excellent leveling combined with fast dry time
- Resistant to black marks and scuffs
- Excellent slip resistance – meets James Static Friction test requirements of 0.5 minimum
- Responds quickly to spray buffing or burnishing

Applications:

- Use on resilient floors, terrazzo, quarry tile, brick, unglazed ceramic and other stone floors, except for glazed ceramic tile
- Can be maintained with either standard speed or high speed equipment and pads

Packaging:

2 – 2.5 gallon bottles per case

Note: Protect from freezing.

General Use Directions:

Initial Application:

1. Read precautionary information prior to use.
2. Strip all old finish from the floor using a 3M™ Stripping Pad and appropriate 3M™ Stripper. Rinse according to directions and allow floor to dry thoroughly.
3. Prior to applying finish, dust with 3M™ Doodleduster™ or 3M™ Easy Trap Cloth to remove all fine particulate.
4. Apply three to four coats of Cornerstone™ sealer/Finish. Allow at least 30 minutes of drying time between each

- coat. It is important to make sure the finish has dried completely before each additional coat is applied.
5. Do not pour unused product back into original container.

Note:

- Minimum application temperature is 50°F.
- Coverage on very porous substrates; i.e. concrete, terrazzo, 600-1200 sq. ft./gal. Less porous substrates; i.e. composition vinyl tile, 1200-2000 sq. ft./gallon.

Cleaning:

1. Dust mop with 3M™ Doodleduster or 3M™ Easy Trap Cloth.
2. Damp mop or auto scrub as necessary using a 3M™ Neutral Cleaner and 3M™ Red Buffer Pad No. 5100 on the auto scrubber.

Repair Options:

1. After cleaning with 3M™ Neutral Cleaner:
 - Low speed buff using 3M™ Spray Buff Cleaner and Polish with 3M™ Red Buffer Pad No. 5100.
 - High speed buff using 3M™ Spray Buff Cleaner and Polish with 3M™ Beige Buffer Pad No. 4200.
 - Burnish with a 3M™ burnishing pad.
 - Burnish using 3M™ Spray Buff Cleaner and Polish with a 3M™ burnish pad.
2. Cleaning and conditioning:
 - Clean the floor using 3M™ TopLine Pre-Burnish Floor Conditioner Concentrate or 3M 3-in-1 Floor Cleaner Concentrate with 3M™ Red Buffer Pad No. 5100 or 3M™ Auto Scrubber Pad No. 5000 on auto scrubber.
 - Burnish with a 3M™ burnishing pad.

Product Specifications:

(Typical Values)

1. pH: 8.0 - 8.6
2. Flashpoint: n/a
3. Solubility in water: complete
4. Specific Gravity: 1.04
5. Viscosity: NDA
6. Boiling Point: 212F°
7. Fragrance: Acrylic odor
8. Appearance: Opaque white liquid
9. Slip resistance: Meets or exceeds ASTM-D-2047-82 coefficient of friction of 0.5

Precautionary Summary:

Eye Contact: Mild eye irritant

Suggested First Aid: Flush eyes with large amounts of water.

Skin Contact: Prolonged or repeated exposure may cause mild skin irritation.

Suggested First Aid: Wash off affected area with soap and water.

Inhalation: Upper Respiratory tract irritation.

Suggested First Aid: Remove person to fresh air.

Note:

Refer to product Material Safety Data Sheet (MSDS: 18-2608-0) for specific health hazard, first aid and precautionary information

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Important:

The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.

3M

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