

3M™ Spangle™ Floor Finish

Technical Data

March 2012

Description:

3M™ Spangle™ Floor Finish is a high quality water-based emulsion floor finish. 3M™ Spangle™ Floor Finish is a ready-to-use special blend of resins and polymers that forms a brilliant protective finish.

Special Features:

- Provides a brilliant, durable, long lasting gloss
- Easy application – low mop drag
- Excellent leveling, combined with fast dry time
- Hard finish with excellent detergent resistance
- Completely removable
- Responds quickly to spray buffing or burnishing
- Excellent mark resistance

Applications:

- Use on resilient and terrazzo floors
- Can be maintained with standard speed, high speed or ultra high speed equipment and pads
- All purpose formulation for wide variety of uses

Packaging:

2-2.5 gallon bottles per case

Note: Protect from freezing

General Use Directions:

Initial Application:

1. Strip all old finish from floor using a 3M™ floor stripping chemical and a 3M™ stripping pad. **Rinse with water until no residue remains** and allow floor to dry thoroughly.
2. Prior to applying 3M™ Spangle™ Floor Finish, dust floor with 3M™ Easy Trap Duster or 3M™ Doodleduster™ Cloth to remove all fine particulate from the surface.

3. Apply three to four coats of 3M™ Spangle™ Floor Finish. Allow 25-40 minutes of drying time between each coat, depending on environmental conditions. **Apply no more than 4 coats within 24 hours. Heavy coats or inadequate drying time between coats may result in increased stickiness and dirt retention.**
4. After 24 hours, 3-4 additional coats may be applied as desired.
5. Do not pour unused product back into original container.

Note:

- Apply with a clean rayon mop or 3M™ Easy Shine Applicator Pad.
- Minimum application temperature is 50°F.
- Coverage is approximately 2000-3000 sq. ft./gallon.
- Full hardness of the finish is achieved in 5-7 days.
- Do not dilute this product.

Cleaning:

1. Dust mop with 3M™ Easy Trap Duster or 3M™ Doodleduster™ Cloth.
2. Damp mop or auto scrub as necessary using 3M™ Neutral Cleaner Concentrate 3H and 3M™ Red Buffer Pad 5100 or 3M™ TopLine Autoscrubber Pad 5000 on the autoscrubber.

Burnishing Repair Options:

1. **If burnishing is desired, allow finish to cure 48-72 hours after application before burnishing.**
2. After cleaning with 3M™ Neutral Cleaner, burnish with 3M™ Natural Blend White Pad 3300 or 3M™ TopLine Speed Burnish Pad 3200. For more aggressive burnishing and enhanced black mark removal, use 3M™ Eraser Burnish Pad 3600.

Note: Use low pad pressure settings for best performance.

Scrubbing and Recoating:

1. Scrub traffic areas or the entire floor as required using 3M™ 3-in-1 Floor Cleaner Concentrate 24H or 3M™ Neutral Cleaner Concentrate 3H with a Scotch-Brite™ Surface Preparation Pad or 3M™ Blue Cleaner Pad 5300.
2. Rinse floor with clean water until residue is removed.
3. Dust floor with 3M™ Easy Trap Duster or 3M™ Doodleduster™ Cloth.
4. Recoat the scrubbed area with 1-3 coats allowing 25-40 minutes between coats depending on environmental conditions.

Note:

- Product should be compatible with most finishes when applied on top of a thoroughly scrubbed floor.

Product Specifications:

(Typical Values)

1. pH: 8.5 – 9.3
2. Flashpoint: >200°F
3. Solubility in water: Complete
4. Specific Gravity: 1.03
5. Viscosity: <10 centipoise
6. Fragrance: Acrylic odor
7. Appearance: Milky-white liquid
8. Slip Resistance: Meets or exceeds ASTM-D-2047-04 coefficient of friction of 0.5 on James Static Friction tester
9. Percent solids: 20%

Note:

Refer to product Material Safety Data Sheet (MSDS: 26-8894-3) for specific health hazard, first aid and precautionary information



3M Branch Sales Offices

ANCHORAGE

11151 Calaska Circle
Anchorage, AK 99515
Telephone: 907/522-5200
Facsimile: 907/522-1645

HONOLULU

4443 Malaai Street
Honolulu, HI 96818
Mail to: P.O. Box 30048
Honolulu, HI 96820
Telephone: 808/422-2721
Facsimile: 808/422-9557

CONTINENTAL UNITED STATES

Customer Service Department
3M Center Building 223-5S-07
St. Paul, MN 55144-1000
Order Entry: 1-800-852-9722
Facsimile: 1-800-447-0408

CANADA

1840 Oxford Street East
London, Ontario, Canada
N5V 3G2
Mail to: P.O. Box 5757
London, Ontario, Canada
N6A 4T1
Telephone: 800/364-3577
Facsimile: 800/479-4453

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St. Paul, MN 55144-1000
1-800-852-9722
www.3M.com/building

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