

Clear Seal 20

Technical Specification Sheet



Concrete Sealer

DESCRIPTION: Clear Seal 20 is a solvent-based, VOC compliant, non-yellowing, and sealing compound for newly poured and existing concrete surfaces. The product is designed for sealing concrete and cementitious overlays. It is suitable for residential or commercial projects, interior floors, exterior hardscapes, and vertical surfaces.

Clear Seal 20 can also be applied to old concrete, terrazzo, brick, and masonry tiles.

Clear Seal 20 is an Acrylic polymer specifically designed to meet the moisture retention properties. It is a clear liquid (20% solids by weight), which dries to a high gloss, breathable, UV resistant film. Clear Seal 20 complies with all VOC (<700 g/L) requirements and other Federal and State Air Quality Regulations. Check the VOC requirements in your area prior to use. The durability of Clear Seal 20 depends upon the dried film thickness, exposure, and use conditions. Clear sealers will scratch and scuff, and will require maintenance. Treated surfaces are readily recoated with adequate cleaning.

LIMITATIONS: Do not use on concrete slabs with inadequately drained subgrade and/or surfaces subject to hydrostatic water pressures. Do not use in swimming pools, fountains or ponds. Do not use on surfaces that will have direct food contact. Do not use for recoating or in conjunction with other floor sealers, treatments, bond breakers, or adhesives without prior test to determine compatibility and adhesion. Do not use to fill or repair cracks in the substrate.

PACKAGING:

Container	Content
Pail	5 US gallon (19.0 L)

Shelf Life: 2-3 Years, when stored in original, unopened containers, in dry storage.

COVERAGE: Coverage rates vary with surface texture and porosity, ambient and surface temperatures and method of application. The following coverage rates are approximate for broom finish concrete surfaces:

200 ft²/gal (7.4 m²/L)

APPLICATION: Clear Seal 20 may be applied using a roller, hand pump sprayer, or airless sprayer. If using a roller, a non-shed solvent resistant roller with 1/4"-3/8" nap length is recommended. The nap length of the roller will depend on the surface porosity and texture of the concrete. Best results are obtained when product is applied at substrate temperatures in excess of (50°F), (10°C). Do not apply at or below (50°F) (10°C) or when such temperatures are expected within 72 hours following application. **Do not apply if there are concerns with the quality of the color or finish of the concrete, until those concerns are adequately addressed.**

When using a sprayer, apply material with a fan pattern nozzle. Spray equipment should be clean and in good working condition. Sprayer seals must be solvent resistant. Hand pump sprayers must be capable of delivering moderately viscous liquids. Care must be taken to protect adjacent areas from over spray.

CONCRETE GUIDELINES:

Do not apply if bleed water is present. Apply in a continuous wet surface film. Application of product over excessively smooth, hard-troweled surfaces may result in adhesion loss. Use Non-skid Additive for slippery areas.

Adequately remove accumulations of grease, oil residue, incompatible curing, or sealing compound residue and other substances that would diminish adhesion. Wash surfaces thoroughly.

Before application of sealer the Moisture Vapor Emission Rate (MVER) of the concrete or cementitious topping must be measured and be less than 5 pounds per 1000 square feet per 24 hours (2.27 kg/92.9 m² per 24 hours). **Promptly clean application equipment with Xylene following use. Handle and dispose of cleaning residue properly.**

MAINTENANCE: Periodically inspect sealed surfaces for wear or damage. All concrete sealing compounds will eventually exhibit the affects of weathering and traffic.

DRY TIME: Drying times will vary depending upon wet film thickness, surface texture and porosity, ambient and surface temperatures, humidity, and if the product is being used as a seal coat. At 70°F, approximate dry times:

Recoat: 1 hour / Light foot traffic: 6 hours / Light car traffic: 24 hours

Normal car traffic: 72 hours

WARNING: COMBUSTIBLE LIQUID AND VAPOR. EXTINGUISH ALL PILOT LIGHTS AND OTHER SOURCES OF OPEN FLAME. MAY CAUSE EYE, SKIN, AND RESPIRATORY IRRITATION. **DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.** WEAR AN ORGANIC RESPIRATOR, EYE PROTECTION, AND PROTECTIVE CLOTHING DURING APPLICATION. COVER PLANT MATERIAL. ENSURE ADEQUATE VENTILATION DURING AND AFTER APPLICATION. PREVENT FUMES FROM ENTERING THE HVAC SYSTEM. IN CASE OF SPILLAGE, ABSORB AND DISPOSE OF MATERIAL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. BEFORE USE, READ THE SAFETY DATA SHEET (SDS).

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