

ElectraSheen Sapphire II

Data Sheet, Application & Specifications



ElectraSheen Sapphire II: The hardest, longest lasting floor finish in the industry. Reduces nuisance static discharges, easy to maintain.

ElectraSheen Sapphire II has a unique polymer chain that contains mild anti-stats that provide static dissipating properties that help reduce or eliminate user induced static tribogeneration caused by the contact and separation of shopping cart wheels and the user's footwear in combination with the floor.

ElectraSheen Sapphire II provides superlative results on all types of standard resilient tile, vinyl composition, terrazzo, ceramic tile, and sealed wood. This product may also be used to adjust the conductivity and provide a hard, wear resistant, high gloss finish to ElectraGuard ESD Epoxy and other ESD static conductive flooring.*

* Engineering Note: This product may be used to adjust the conductivity of ElectraGuard and other static conductive flooring. Its use will raise the floor's insulative properties and may be used to bring the flooring into the static dissipative (versus static conductive) range of electrical conductivity. Apply VERY THIN even coats. Test between coats (allowing 24 hours for the first coat to crosslink prior to testing). Do not over apply. Two thin coats will raise the floors insulative properties substantially depending on the thickness of application.

ElectraSheen Sapphire II is a proprietary cross linked urethane acrylate formulated with specialty anti stat's for use as a floor finish in THE most demanding of high traffic environments. It has a known reputation as THE product of choice for many major retail, grocery, and hospital chains nationwide.

ElectraSheen Sapphire II has a diamond hard energy dissipating matrix that achieves burnishing levels 30% to 40% higher and hardness levels 80% to 100% higher than conventional high gloss floor finish.



ElectraSheen Sapphire II

Data Sheet, Application & Specifications

APPLICATION:

Best results are obtained when the finish is applied to surfaces that are 60° F. or warmer. If needed, remove old finish with ElectraStrip floor finish stripper. Mop up or vacuum the stripping solution and rinse the floor thoroughly with clean water. Apply one to two thin coats on ESD Flooring,* and up to five thin even coats on standard flooring allowing the finish to dry for approximately 30-45 minutes between coats (depending on humidity, temperature and air movement). Recoating existing finish on standard flooring: Wash the floor with a neutral cleaner and allow it to dry. Apply thin even coats, allowing the finish to dry for approximately 30 to 45 minutes. Routine maintenance: Floor surfaces should be swept with a clean dry dust mop daily to remove abrasives. Damp mop or auto scrub as needed using a neutral cleaner such as ElectraClean or Maintain to remove soil, salt, and film deposits that can degrade the coating's gloss. ElectraSheen Sapphire II responds well to high speed burnishing. This process restores gloss and further hardens the finish.

SPECIFICATIONS

Nonvolatile Solids	19 ± 0.6%
Total Active	25%
pH	8.2 - 9.0
Gloss 600	89 @ 5 coats
Color	Translucent White
Weight Per Gallon	8.55
Slip Resistance (ASTM)	0.5 min.
Stability	2 year min. at room temperature
Freeze/Thaw Stability	3 cycles
Drying Time	30-45 min.
Water Resistance	Excellent
Gallon Coverage (square feet)	1,500 to 2,000
Durability (ASTM D-968)	3,680 grams

Revision history: Release Date 12/14/2019 SRC