

Duraseal™

Specifications

The Following Characteristics Of Duraseal™ Were Determined In Laboratories And Extended Exposure Studies.

Formulation Constants

- | | |
|--------------------------------------|------|
| • Theoretical Non-Volatile Solids | 25% |
| • Theoretical Density, Lb./U.S. Gal. | 8.6 |
| • VOC grams/liter | < 70 |
| • Ph | 8.4 |

Resistance to Water Blushing

- Clear films of Duraseal™ display excellent resistance towards water blushing in comparison to leading commercial acrylic emulsions. Not only do the clear films of Duraseal™ show a minimal amount of blushing under both ambient 77^of (25^oc) and elevated 120^of (45^oc) water soak temperatures, but they also completely recover to visually clear films upon curing.

Very Low Water Pickup

- Duraseal™ also has excellent resistance properties that show low clear film water pickup. (Low water swelling)

Block Resistance/Low Coalescent Demand

- Duraseal™ has shown an exceptionally high degree of early block resistance. Because of its high coalescent level, Duraseal™ has the ability to achieve a higher level of block resistance while lowering the VOC content

Exterior Weather ability

- Based on current exposure data, Duraseal™ has demonstrated sealing after 5 years of exposure is normal for this product

What Duraseal Does

- Duraseal™ helps protect the substrate from moisture because of the low water vapor permeability. This is an important factor to consider in the application to concrete substrates where the existence of water and water vapor play a major role in the forming of efflorescence in concrete or brick tile. Duraseal has been found to significantly improve the adhesion of tiles, adhesives, mortar/thinset. Duraseal Concrete Sealer prevents efflorescence.

Duraseal Eliminates

- Efflorescence/Efflorescence in concrete and clay tiles
- Growth of Bacteria, Mold & Mildew

Typical Duraseal™ Applications

- Primers
- Interior/exterior clear sealers
- Paver Bricks
- Stucco
- Waterproofing
- Concrete Driveways/slabs
- Curing Membrane for concrete
- Restoration of Old Brick

Packaging

- 5 gallons / 19 liter Pail
- 55 gallon/208 liter Drum
- 275-gallon/1050 liter Poly Tote

Shelf Life

- Shelf life is 18 months if stored in the original container with the cap tightly sealed. Protect from freezing and stored at moderate temperatures 34f to 115f (1c to 44c)

Odor

- Duraseal has a low odor threshold unlike solvent based formulations that make it ideal for applications in public or environmentally sensitive areas. Its quick drying formulation is a favorite of professional applicators.

Coverage Rates

- | | |
|-------------------|--------------------------------------|
| • Brick: | 125 to 175 ft ² /p/gallon |
| • Concrete: | 100 to 250 ft ² p/gallon |
| • Stucco: | 100 to 150 ft ² p/gallon |
| • Stone: | 85 to 125 ft ² p/gallon |
| • Concrete pavers | 80 to 150 ft ² p/ gallon. |

Appearance

- **When cured a clear hard film forms that will Eliminate Water Vapor Permeability surfaces while significantly reducing UV deterioration.**

Warranty:

- ***Enviroseal extends a 100% three year warranty providing application guidelines are followed.***

It is recommended that a test area be done to more accurately calculate the actual application rate for the surface being treated. Above application rates are to be used for estimation purposes only. On extremely porous surfaces it may be necessary to apply two coats to obtain the desired effects.

For additional technical help, please consult the factory.