

TECHNICAL DATA SHEET
(REPT)

“Surface repellent/preservative for natural stone, concrete, slate, stucco, plaster, and other masonry.”

PRODUCT DESCRIPTION

- Is a low-VOC, multifunctional, self cross-linking, aqueous silicate penetrating sealer.
- Forms a water insoluble, water - resistant treatment within 24 hours of its application.
- Provides effective water repellency upon drying, however, reaches full - strength effectiveness in approximately 24 hours, following its application.

BASIC USE

- Is primarily used as a penetrating surface sealer to impart water resistance to highly adsorbent materials, i.e., brick, sandstone, grout, limestone, and concrete, effectively reducing surface absorption of treated material.
- Is an aqueous penetrating treatment which provides a tough breathable filmless surface barrier to the porous treated material.
- Helps in maintaining the original aesthetically pleasing appearance by preventing liquid and/or contaminate from penetrating into the surface of the treated material.
- Does not deleteriously affect a surface’s bonding quality.
- Eliminates or greatly retards efflorescence in abrasion, cracking and spalling resistance.

*Limitations ; REPT spills or droplets in contact with any surface, other than the being treated, should be removed using water and a cloth or

brush, not be allowed to air dry. Once dried, it is very difficult to remove.

PRIMARY APPLICATIONS

- A clear, environmentally safe liquid for use as a repellent/preservative for natural stone, concrete, slate, brick, pavers, stucco, plaster, and other masonry.
- Provides a durable breathable filmless barrier beneath and on the surface of the treated material.
- Preserve the original look of the surface by preventing liquid/contaminate penetration.
- Enhances surface bondability and surface traction quality.

FEATURES AND BENEFITS

- Repels water and resists oil.
- Preserves original appearances
- Increases surface density.
- Improves surface abrasion resistance.
- Enhances traction quality.
- More crack and stain resistant surface.
- Resists freeze-thaw damage
- Easier snow/ice removal.
- Improve fungus/mildew resistance.
- Retards/eliminates efflorescence
- Greater surface bondability.
- Easy and safe to apply.
- Long lasting.
- UV resistant, user friendly, odorless, non-flammable and environmentally safe product.

DIRECTIONS FOR USE

* DO NOT ATOMIZE! Always spot test prior to



use to determine suitability.

* REPT may be applied by dipping, spraying or brushing. When spray applied, use a low pressure solid-stream spray apparatus, i.e., pump-tank sprayer or mechanical orchard sprayer, utilizing a spray tip no smaller than .026. REPT should be applied just short of the material saturation point, but do not allow to puddle, using an overlapping spray pattern.

* ESTIMATED COVERAGE RATE ; Apply until fully saturated, coverage rate depends on substrate absorptivity.

Estimated Square Feet Per Gallon

Adobe	250 - 350
Brick	300 - 550
Clay Tile	400 - 750
Concrete	200 - 300
Grout	300 - 750
Limestone	200 - 300
Man Made Stone	250 - 450
Pavers	300 - 500
Plaster	350 - 550
Slate	400 - 500
Stucco	300 - 750

- Test Area Is Recommend -

TECHNICAL DATA

- Physical ; Liquid
- Color ; Clear
- Odor and Flammability ; None
- Specific Gravity ; 1.02
- pH ; 11
- Toxicity ; Low, almost insignificant
- Freeze Harm ; Possible, avoid freezing
- Freeze Temp. ; 32 F
- VOC/VOS Content ; Low, almost insignificant

- Composition ; Aqueous Silicate
- Environmental Impact ; Safe, Low VOC
- Surface Bond Quality ; Excellent
- Paintability and U.V. Resistance ; Good
- Clean up Solvent ; Water

PACKAGING

REPT is packaged in

- 5 U. S. gal(18.9 liter) pails.
- 55 U. S. gal drums.

PRECAUTIONS

- REPT is supplied ready to use, DO NOT FURTHER DILUTE
- Remove coatings or buildups of any kind present on the surface or else.
- DON'T ALLOW DEPT TO PUDDLE ; Surface should be washed and may need scrubbing if this occurs.
- Protect area not intended for coverage, as DEPT is very difficult to remove later
- DEPT may damage or kill vegetation and possibly stain or etch glass, plastic and aluminum. If contact should occur, wash immediately with water.
- Avoid contact with skin and eyes. Small amount transferred to mouth on fingers should not cause injury.
- Don't apply when ambient temperature drop below 50 F
- 24 hours of drying time should be allowed before opening the treated area to heavy-duty use.