

SILICATE PAINT

Description

Mineral Life Int'l Silicate Mineral Paint is a waterborne, single component inorganic coating material for masonry wall surfaces. Silicate Mineral Paint penetrates the substrate and cures by an irreversible chemical bonding process, forming a microcrystalline structure which cannot peel or blister.

Uses

Mineral Life Int'l Silicate Mineral Paint can be applied to the following substrates:

- 1. Concrete surfaces. (after removal of release agent residue)
- 2. Lime & Cement Mortar Stucco/Plaster
- 3. Brick masonry
- 4. Metal surfaces, incl. aluminum and galvanized iron.
- 5. Old and new limewash coatings
- 6. Cellular concrete
- 7. Adobe dwellings with breathable walls

Advantages

- 1. Releases water vapor, while water repellent
- 2. Non-combustible, acts as fire retardant
- 3. UV light resistant; Long service life (15 years and up)
- 4. Natural quality with large selection of earthtone colors
- Reactive with Mineral Life Patina Solutions for antique finishes
- 6. Highly resistant to acid pollution
- 7. Non-hazardous without residual odor
- 8. Anti-allergenic
- 9. Excellent adhesion to masonry surfaces (chemical and physical bond).
- 10. Will not blister or peel
- 11. Anti-microbial without chemical fungicides
- 12. Environmentally friendly Qualifies to earn points towards LEED certification.

Primer / Thinner

Silicate Mineral Wall Primer is first applied to equalize and reduce wall moisture absorption or to reduce Silicate Mineral Paint viscosity for spraying.

Application

Application of Silicate Mineral Paint may be made by spray, lambswool roller of 1 1/4 inch nap, or with short bristle brush.

Protect / mask all surfaces adjacent to vertical wall. Paint splatter removal may be made with water while still wet.

Technical Data

Density1.32-1.50
Flash PointNone
Thermal Coefficient
of Expansionsame as masonry
ColorsEarthtones
Coverage150 sq ft or 13.9
sq m / gallon for 2 coats
depending on porosity
and texture
Diluteonly with Mineral
Life Silicate Mineral Wall
Primer

Physical Properties

Water Resistance-....ASTM D1308....No effect Scrub Resistance.....ASTM D2486...150 cycles Moisture

Vapor Permeability...ASTM D1653...24 perms Fire Retardancy

on Cement......ASTM D3806..."0" flame spread

Accelerated Weathering

-2000 hrs.....No change

Wind Driven

Rain Resistance...Fed Spec...No water leakage TT-C-555B...No weight gain

Leed Credit-EQ 4.2 (Low emitting Materials:

Paints and Coatings

Leed Credit-SS1.1 and 1.2...(Plan for Green Site and Building Exterior Management)

MINERAL LIFE INT'L. INC. **CORPORATE OFFICES**

Tel: 011) 877-407-9510 (Fax: (011) 305-661-6942 Website: www.minerallife.com e-mail: minlife@earthlink.net

SALES OFFICES

MIAMI, FL

Tel: (001) 305-661-9854 e-mail: minlife@earthlink.net DUBAI, UAE

Tel: +971 50 558 1344

e-mail: uaecontact@minerallifeintl.com

LIMITED WARRANTY

LIMITED WARKAN IY
Mineral Life Int'l warrants its products to be free of of manufacturing defects and that
they will meet Mineral Life Int'l's current published physical properties when applied in
accordance with Mineral Life Int'l's directions. There are no other warranties by Miner
Life Int'l of any nature whatsoever, expressed or implied, including any warranty of
merchantability of fitness for a particular purpose in connection with this product. Mineral Life Int'l shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty whether expressed or implied, including any warranty of merchantability of fitness for a particular purpose or from any other cause whatsoever.