



MS-SIL Silicate Paint

Colour Selection

**Moisture Proof
Silicate
Paint**



5TH

GENERATION

Breathable Silicate Paint



VIVASIL BREATHABLE MS-SILICATE PAINTS

Silicate Paints were a Bavarian ,Germany invention which are proudly coated in decades. The scientists successfully combined silicate with inorganic colour pigments to produce a paint, that both penetrates and reacts with the mineral substrate and becomes a part of the substrate whereas organic paints merely form a structural film and hardness skin on the surface. After being exposed to high UV natural weathering there is no evidence of any colour discolouration or faded. Humidity which is present in the masonry can freely pass out from the building structure where the breathability of Vivasil MS-SIL Silicate paints make the substrate remains good. The vapour permeability of MS-SIL Silicate paints due to the crystalline natures makes a high water repellency paint system. In hot climatic regions our Silicate paints have microcrystalline properties which make light rays and thermal rays will be reflected and prevents the substrate from cracking and keeps the temperature inside the building cooler. The natural behavior of Vivasil MS-SIL Silicate paints is reduces fungus and algae growth thus assuring a hygienic and clean paint layer.

WHAT IS SILICATE?



Silicate is a natural chemical element found in great abundance on earth, primarily as a major component of mineral class. Approximately 25 percent of the most common ones are silicates. Silicate Paints combination of quarts are inorganic zinc-rich paints are not flammable. The silicates presents in these paints act as mineral binding agent imparting these paints with a strong long lasting bond with the substrate materials. The result is a highly stable, light, fast and durable coating, with particularly convincing long lasting colour and natural matt effect. Silicate paints do not form a layer but instead permanently bond to the substrate materials in a process silicification.

THE MAJOR CAUSE OF PAINT PROBLEMS

When you ordinary acrylic paint, you are applying a plastic film over the surface, and let water trapped inside the wall. Porous surface of mineral constructin materials tends to take up water. Rain and condensation that penetrate into the wall from the inside or the outside can damage the facade. Poor drainage allows water to collect at the base and sucked up by capillary action through hairline cracks when its rains or during construction and plastering works. Cement walls have micro cracks on their surfaces which allows water to enter by capillary absorption and wind pressure. Trapped water is the number one cause of paint failure. When the sun heats, this water it expands to form water vapour and forces its way out of the wall, damaging the paint coating and causes Algae and Fungus, Blistering, Chalking, Efflorescence, Rising Damp, Peeling and Discolouration.

Vivasil MS-SIL Silicate paints system offer our customers the best protection for the facades protection against moisture, breathable, fire resistance, abrasion resistance, dirt and water repellant, self clean properties, heat reflective, zero level toxicity, eco friendly, zero VOC, zero biocides, anti fungus, superior anti efflorescence, anti peeling, anti blistering, highly UV resistance, non flammable, non thermoplastic-non film forming, solvent free, non allergenic, natural mineral quartz from earth and ultimate 12 to 15 years of protection. Vivasil MS-SIL Silicate paints are highly dirt repellant. If extreme circumstances do result in dirt pick-up, the dirt can be washed off because it does not penetrate the coating. Since ms-silicate paints are very water repellant the exterior coating is dryer for a longer period as an annual average.



Blistering and peeling caused by water trapped in the wall behind ordinary acrylic paint. causing bubbles appears. Vivasil MS-SIL Silicate paints is breathable system which has micropores allow the water easily diffuse from the surface.

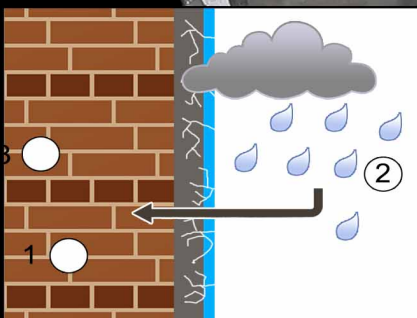


Fungus and algae depends on moisture when water trapped behind ordinary acrylic paint, it needs through small cracks in the surface. Vivasil MS-SIL Silicate paints system allows this water to escape so that fungus cannot survive. Surface must be corrected use Vivasil Fungus Kill before paint application.

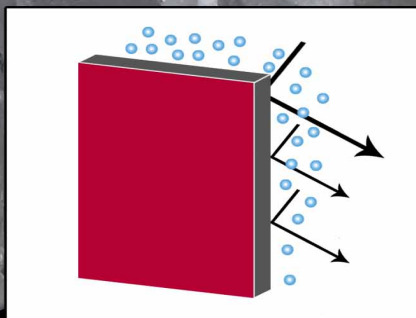


Efflorescence causes ordinary paint forces water to remain inside the wall, forming concentrate breaks through the paint when the water evaporates leaving the salt deposited. Vivasil MS-SIL Silicate paints system allows the water easily escape before deposits can form.

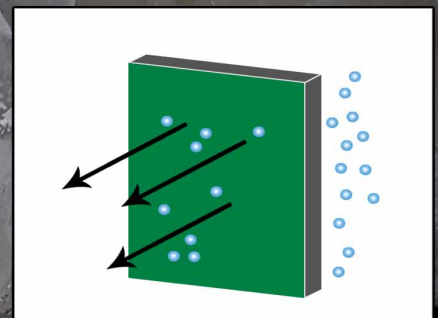
HOW DOES WATER GET IN THE WALL



Cement walls have micro cracks holes on their surfaces which allows water to collect at the base through hairline cracks when its rains.



Ordinary paints have formed a plastic film on the surfaces that trapped water. When the sun heats this water forces its way out of the wall and damaging the paint.



Vivasil MS-SIL Silicate paints allow surfaces to breath, allow trapped water escapes as vapour and protect from damaging the paints by Fungus and Efflorescence.

WHY VIVASIL SILICATES PAINTS EXCEL IN HIGH PERFORMANCE COATINGS

Here comes the secret history of long lasting highrise building paints, revolution in paints industry, Vivasil Breathable MS-Silicate Paint technology breathes to remove the water trapped on wall. Allowing moisture evaporate out. The only Paints System can solve problems of Efflorescence. Vivasil MS-Silicate Paint its not only imparts water repellency to pore structure but also reinforces it. Vivasil MS-Silicate Paint have a high hiding power and appearance of mineral base. Vivasil MS-Silicate Paint System enters the micro cracks and renders them creating water repellent layer of between 1-1.5mm thick. This system will prevent major water seepages into walls especially those with microcracks and hair line cracks. Ordinary paints just stick a layer on the wall but Vivasil Breathable MS-Silicate Paint do more and become a part of wall.

FOR NEWLY PLASTERED

Vivasil Breathable Silicate Paints System

One coat of Vivasil MS-Silicate Sealer 701 and two coat of Vivasil Breathable MS-Silicate Paint

STEP 1



Patch all the cracks and holes using Vivasil Patching Compound. Do not Paint if the surface are wet where proctimeter reading exceed 18% WME.

STEP 2



Scrapped out all the concrete / plaster chipped before paint application. A newly plastered surface should be allowed to cure atleast 5 day before painting.

STEP 3



Apply Vivasil MS-Silicate Sealer 701 with roller or spray as undercoat to preventing from microbial attack and protect against Efflorescence.

STEP 4



Apply 2 coat of Vivasil Breathable MS-Silicate Paint. Vivasil MS-Silicate Paint coatings become part of the wall. Long intervals between repaintings. Proven increase cost effectiveness.

FOR EXISTING/REPAINTING

One coat of Vivasil MS-Silicate 601 Sealer and two coat of Vivasil Breathable MS-Silicate Paint.

STEP 1



Wash use waterjet high pressure 1500 psi to stripped off old paints, stains, oil, grease, dust and Protect surface from powdery or chalking.

STEP 2



Brush / wash the fungus or algae surfaces with water. Apply Vivasil Fungus Kill Treatment and allow to dry overnight before application.

STEP 3



Apply Vivasil MS-Silicate Sealer one coat as a Sealer to locks all loose particles on the wall and to create greater adhesion on the substrate.

STEP 4



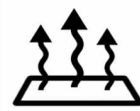
Apply Vivasil Breathable MS-Silicate Paint 2 coat to improve the durability of paints corrosion, moisture and lasts at extreme temperatures.

10-12
m²/L

Theoretical coverage
10-12m² per litre.
Depending on
Porosity of the
Substrate



Apply with roller,
brush or spray.
easy cleanup with
water



Lets trapped water vapour
escape. Water repelency
Breathable paint system.



Proven Tomorrow
technology Paint.
Fungus resistant.



Huge savings
Highly Washable
Water beading affect.
Long Interval Repaintings.



UV Resistance
Resists colour fading &
Super Bonding technology.

VIVASIL MS-SILICATE PAINT FOR NEW WALL
1 COAT 601 AND 2 COAT OF MS-SIL PAINT

Primer

Paint



VIVASIL MS-SILICATE PAINT FOR REPAINTING
1 COAT 701 AND 2 COAT OF MS-SIL PAINT

Primer

Paint



VIVASIL MS-SILICATE PAINT FOR ULTIMATE WALL
1 COAT 1001 AND 2 COAT OF MS-SIL PAINT

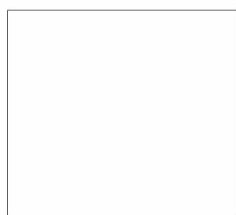
Primer

Paint

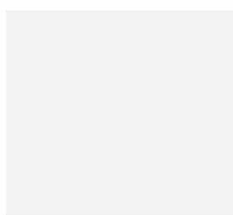


UV Protected Colour Collections

Solution for better Environmental



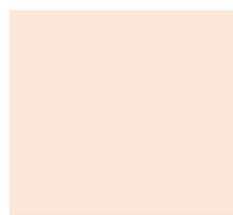
Xtra White P 1000



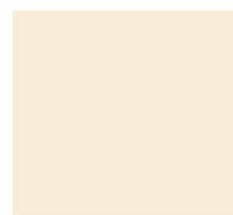
Earth Grey P 1001



Sun Side P 1002



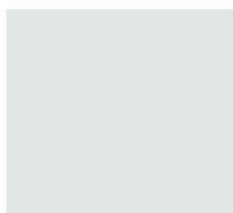
Lite Shade P 1003



Shield Yellow P 1005



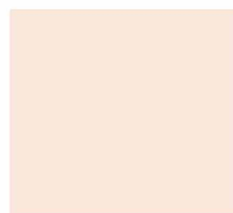
Strike Grey S 3001



King Grey P 1010



Modern Beige S 3002



Spring Natural S 3003



Mercury S 3022



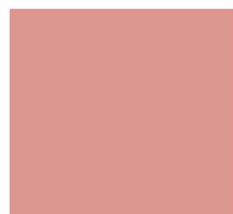
Roman Grey S 3010



Aged Pluto S 3011



Daisy Pebbles S 3012



Pro Red S 3013



French Mind S 3015



Glow Grey S 3021



Tech Grey P 1011



Shine Grey S 3023



Mineral Touch T 5000



Sept Moon T 5001



Burn Grey S 3027
SP VFflex



Top Cuisine T 5006
SP VFflex



Russia Latte D 6001
SP VFflex



Brick Red D 6002
SP VFflex



Dry Yellow D 6003
SP VFflex

*Also available in Black D 6000

SP Special Price Colours

- Colour are shown as close to actual paint colours as modern printing techniques allowed.
- For best results, always use two coats of Vivasil MS-Silicate Paint
- **VFflex** also available in Vivasil Vflex Roof Coating

For Interior and Exterior Tested and Proven by Research



Lite Feel P1006



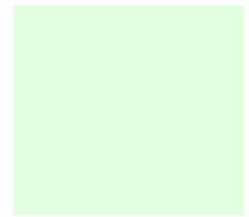
Us Carb S 3000



Milky Pink P 1007



Russia Carb P 1008



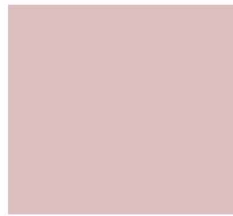
Green Paper PG 1009
SP



Fruit Skin S 3005



Butter Banana S 3006



Trans Sun S 3007



Arab Dessert S 3008



Dome Green SG 3009
SP



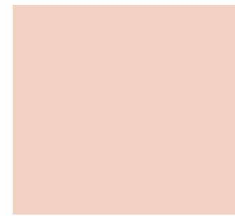
Gold Egg S 3016



Jupiter S 3017



Raw Silky S 3018



Bond Silky S 3019



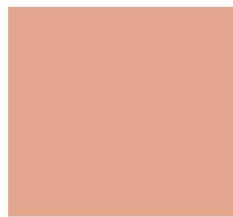
Hot Dust S 3020



Clear Tone T 5002



Rush Light T 5003



Paris Bold S 3025



Wind Soft T 5005



Special Green SG 3026
SP



Mud Red D 6005
SP VFflex



Sandy Lion D 6006
SP VFflex



Classic Beach D 6007
SP VFflex



River Sand D 6008
SP VFflex



Rex Tone T 5007
SP VFflex

Special features

- 100% Lead and mercury free
- Low VOC, and non toxic.
- Formulated without harmful chemical

Fungus and algae resistance

Silicone gel additive for smooth and wide coverage

Odourless and Moisture proof technology

Smooth matt finish hides an uneven wall surface



	Vivasil Dry & Seal Water Repellent Primer is available in solvent / water based Exterior & Interior Treatment for newly plastered and concrete surfaces. Uses as deep penetrating impregnator water repellent, designed to help control Efflorescences. Designed to use as undercoat for Vivasil Silicone Breathable Painting System. 1 coat are recommended. Spray or roller. Do not mix water. Available in 5 & 20 litres. Download Download Technical Datasheet at www.vivasil.com/products
	Vivasil Silicone Sealer is a Exterior Waterbase primer for repainting purposes is used as sealer to locks all loose particles on the wall and to create greater adhesion on the substrate and prevents powdery surfaces. Wash use waterjet high pressure 1500 psi before paint application. Its allow highly water vapour transmisson system and saves Breathable paint coatings system. Available in 5 & 20 litres. Download Download Technical Datasheet at www.vivasil.com/products
	Vivasil Breathable Silicone Paints (Weatherseals) is used as finishing paint coating to protect the surfaces of exterior and interior wall and ceiling. For long lasting and durable. Vivasil Breathable Silicones Paint are non toxic, waterbased, lead free and eco friendly products. Its breathable properties will prevent major water seepages into wall especially those with micro cracks and hair line cracks. Available in 5 & 18 litres. Download Download Technical Datasheet at www.vivasil.com/products
	Vivasil Interior Luxuries Paints I-Silk (Washable, easy to clean) should always be applied before one coat of Vivasil Interior luxuries Sealer and to be continued with minimum of two finishing coats of Vivasil Interior Luxuries paints. All newly plastered walls should be allowed to dry completely or cure at least 21 days before painting works. Do not paint if the surfaces are wet. Matt and Glossy Finish Available in 5 & 18 litres. Download Download Technical Datasheet at www.vivasil.com/products
	Interior Pro Emulsion Paint Finish is a hydro-soluble dispersion product based on high quality of acrylic polymers for ceiling and wall. The product is effective ,high opacity and easy to use. The product has the possibilities of coloring limited to the basic shades of the Vivasil paints interior color cards. Surface must properly primed with Vivasil Interior Pro Sealer before paint application. Available in 5 & 18 litres. Download Download Technical Datasheet at www.vivasil.com/products
	Vivasil Heat Reflective Exterior & Interior is a Waterbase Silicone technology paints. Its has Properties reduces solar heating up to 30 % ,reduces air conditioning cost ,highly water-repellent, Do not apply to damp or soiled substrates and not suitable for horizontal or sloping surfaces. Surface must properly primed with Vivasil Heat Reflective Primer before application. Available in 18 litres standard Exterior colour cards. Download Download Technical Datasheet at www.vivasil.com/products
	Vivasil MS-Sil Silicate Paint is a waterbase Silicate technology paints, also known as silicate mineral paint or mineral paint. A highly UV stable product in market. Silicate paints do not form a layer but instead permanently bond to surface called silicification processes. Surface must properly primed with Vivasil MS-Sil Silicate Sealer 601 or 701 before application. Available in 18 litres standard colour selection cards. Download Download Technical Datasheet at www.vivasil.com/products
	Vivasil Wood & Metal Paint (I-GLOSS) is a fast air drying gloss /matte enamel paint suitable for all applications over Metal and wood .Surface must properly primed with Vivasil Wood and Metal Primer before application. All new or already painted surfaces should be free from dust, grease and waxes. Available in 1,5,18 litres and standard colours card. Download Download Technical Datasheet at www.vivasil.com/products
	Vivasil Nano touch Paint is a waterbase Nano Technology self organizing crosslink adhesion components gives the surface layered with hydrophobic properties. Vivasil Nano touch paint can be used on direct metal, wood, concrete, plastered surface and porous absorbent material. Surface must properly primed with Vivasil Nano Touch Sealer before application. Available in 18 litres standard colour selection cards. Download Download Technical Datasheet at www.vivasil.com/products

* If you have any paint related questions please call our customer careline at **03-8737 2495**

VIVASIL PAINTS (M) SDN. BHD. (1117204-T)

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