



Heat Reflective Silicone Paint

Colour Selection

Hotter
42°C Ceiling Temperature

Cooler
36°C Ceiling Temperature



Ordinary
Acrylic Heat
Reflective Paint



Vivasil
Heat Reflective
Silicone Paint



MALAYSIAN
HERITAGE
BUILDING
CERTIFIED
SILICONE
PAINT



EN
European Standard



VIVASIL HEAT REFLECTIVE BREATHABLE SILICONE PAINT

Vivasil Heat reflective is a fully Water base Breathable Silicone Paint system (permeable to water vapor), have been successfully used for 40 years over Europe. More than a million of buildings all over Europe have been coated with these Silicone Technology paints, and many of them have endured over 20 years without needing any further repainting jobs. The beading effect prevents water absorption, combination of two properties makes water droplets bead up into little balls and roll off the substrates preventing the formation of standing water. Dry facades are less prone to attack by algae, fungi and mold than damp ones. Vivasil Dry & Seal Water Repellent Primer keep facades dry, protection against the growth of microorganisms. It creates a dry zone under the paints substrates and thus prevents substances such as alkalis and salts within the construction material from damaging the facade.

WHAT IS SILICONE?



Silicone is a natural chemical element found in great abundance on earth, primarily as a major component of common sand. Silicones are used to create fireproof or heat-resistant products; silicone is a natural chemical element found in solid crystalline form like sand or glass. Silicones provide long lasting, cost effective solutions for tough paint and coating challenges.

THE MAJOR CAUSE OF PAINT PROBLEMS

Paint coatings are used every day to improve the resistance of building materials damage from the elements, making the materials last longer and look better. In addition to protecting exterior building points against the effects of water, pollutants and chemical attack, the surface should also be aesthetically pleasing. In a well-protected facade, absorbed moisture must be allowed to escape into the atmosphere and the coating itself must last as long as possible, providing attractive and durable facades.

When you apply ordinary paint, you are applying a plastic film over the surface, and let water trapped inside the wall. Poor drainage allows water to collect at the base and sucked up by capillary action through hairline cracks when it 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.



Blistering and peeling caused by water trapped in the wall behind ordinary paint, causing bubbles appears. Vivasil Weatherseal Silicone Paint 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 paint. It feeds through small cracks in the surface. Vivasil Silicone Paint system allows this water to escape so that fungus cannot survive. Surface must be corrected use Vivasil Fungus Kill before paint application.

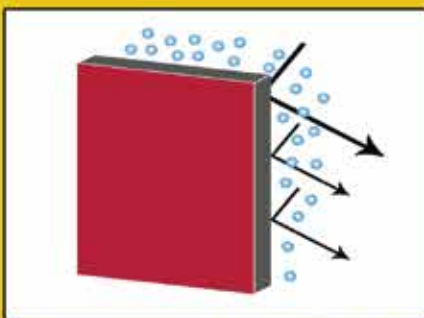


Efflorescence causes ordinary paint forces water to remain inside the wall, forming concentrate bricks through the paint when the water evaporates leaving the salt deposited. Vivasil Silicone paint system allows the water easily escape before deposits can form.

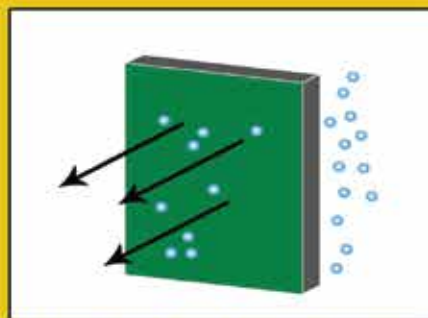
HOW DOES WATER GET IN THE WALL



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

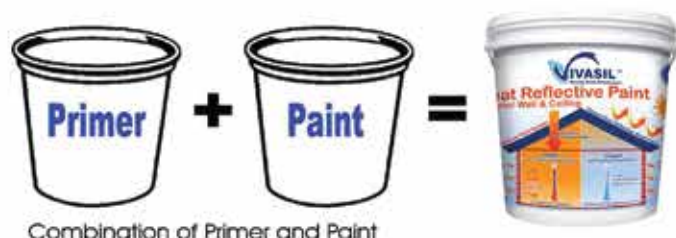


Vivasil Silicone Paint System allow surfaces to breathe, allow trapped water escapes as vapour and protect from damaging the paints by Fungus and Efflorescence.

WHY VIVASIL SILICONES PAINTS EXCEL IN HIGH PERFORMANCE COATINGS

Here comes the secret history of long lasting highrise building paints, revolution in paints industry. Vivasil Breathable Silicone Paint technology breathes to remove the water trapped on wall. Allowing moisture evaporate out. The only Paints System can solve problems of Efflorescence. Vivasil Silicone Paints its not only imparts water repellency to pore structure but also reinforces it. Vivasil Silicone Paints have a high hiding power and appearance of mineral base. Vivasil Silicone Paints 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 Silicone Paints do more and become part of wall.

VIVASIL PAINT SYSTEM IS BUILT IN PRIMER 2 IN 1 SELF PRIMING SYSTEM



Combination of Primer and Paint

VIVASIL DRY & SEAL TREATMENT EXTRAORDINARY PROTECTION



Water Vapour Transmission

Vivasil Dry & Seal Primer is modified silicone structure network creates a Dry Zone façade and prevents water absorption or protection from Efflorescence, fungus and microbial attack and also creates a Water Repellent layer on substrate and can be applied to almost any cement and concrete surfaces. Do not apply Vivasil Dry & Seal treatment over fungus & algae as it will affect the new finishes.

FOR NEWLY PLASTERED

Vivasil Heat Reflective Breathable Silicone Paints System

One coat of Vivasil Dry & Seal Water Repellent Primer and two coat of Vivasil Heat Reflective Silicone Paint.



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



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



Apply Vivasil Dry & Seal Treatment with roller or spray as undercoat to preventing from microbial attack and protect against Efflorescence.



Apply 2 coat of Vivasil Breathable Silicone Paint. Vivasil Silicone paint coatings become part of the wall. Long intervals between repainting. Proven increase cost effectiveness.

FOR EXISTING/REPAINTING

One coat of Vivasil Silicone Sealer and two coat of Vivasil Breathable Silicone Paint.



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



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



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



Apply Vivasil Breathable Silicone Paints 2 coat to improve the durability of paints corrosion, moisture and lasts at extreme temperatures.



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 beeding affect. Long Interval Repaintings.



UV Resistance Resists colour fading & Super Bonding technology.

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



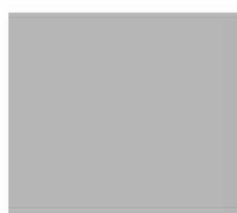
Spring Natural S 3003



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**



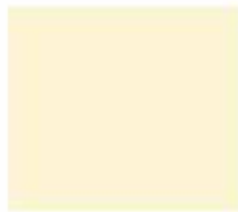
Dry Yellow D 6003
SP **VFflex**

*Also available in Black D 6000

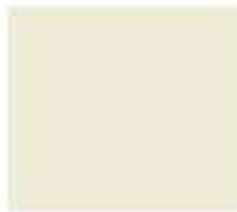
SP Special Price Colours

- Colour are shown as close to actual paint colours as modern printing techniques allowed.
- For best results, always use two coats of Vivasil Breathable Silicone Paint
- **VFflex** also available in Vivasil VFflex 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 Technical Datasheet at <u>www.vivasil.com/products</u>
	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 Technical Datasheet at <u>www.vivasil.com/products</u>
	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 Technical Datasheet at <u>www.vivasil.com/products</u>
	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 Technical Datasheet at <u>www.vivasil.com/products</u>
	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 Technical Datasheet at <u>www.vivasil.com/products</u>
	Vivasil Heat Reflective Exterior Wall Paint 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 Technical Datasheet at <u>www.vivasil.com/products</u>
	Vivasil Heat Reflective Paint 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 Exterior expose surfaces. Surface must properly primed with Vivasil Heat Reflective Primer before application. Available in 18 litres standard interior and exterior colour cards. Download Technical Datasheet at <u>www.vivasil.com/products</u>
	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 Technical Datasheet at <u>www.vivasil.com/products</u>
	Vivasil Fungus Kill Treatment is used as solution treatment for fungus ,algae or microbial attacks before paint applications. Wash use brush with water or use waterjet high pressure 1,500 psi to clean the fungus affected surfaces. Apply with spray. Do not mix water. Available in 5,10 & 20 litres. Download Technical Datasheet at <u>www.vivasil.com/products</u>

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

VIVASIL PAINTS (M) SDN. BHD. (1117204-T)
 38A Jalan Sentosa 3,
 Taman Sentosa Sungai Jelok,
 43000, Kajang, Selangor.
 Email address : enquiry@vivasil.com
 Website : www.vivasil.com
 Facebook: Vivasilpaints



Authorised Dealer