



SK KAKEN (M) SDN. BHD.

Micron Guard S

A Penetrating Type Water-repellent Clear Coating

Micron Guard S provides excellent protection for natural surfaces against harsh environmental conditions. The clear coating is breathable, thus enabling more moisture vapour from within to into the atmosphere. Micron Guard S protects the substrate while maintaining its natural look for a longer period of time.

Characteristics

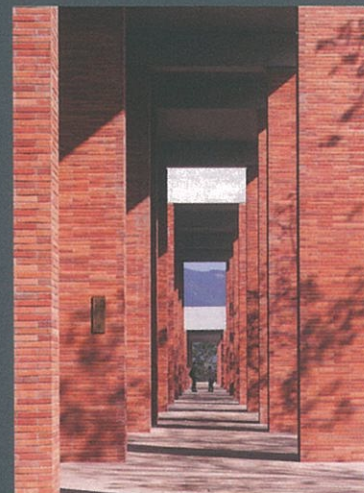
- Protective clear coating for red brick, bare concrete, natural granite, sandstone and marble.
- Against moisture / water penetration.
- Suppresses efflorescence development and prevents effects of lifting, blistering, peeling, etc. of finishing paint.
- Exhibits saline damage preventive effect.
- A long lasting water repellent material.
- Excellent weather resistance.
- Stain and carbonation resistance.
- Protection from alkaline, acid and salt water.
- Vapour permeable.
- Seals cracks via capillary action.

Area of Application

- Bare concrete, cement, brick, natural granite, sand stone or unpolished marble.

Product Range

- Micron Guard S (solvent based) – high penetrative power.



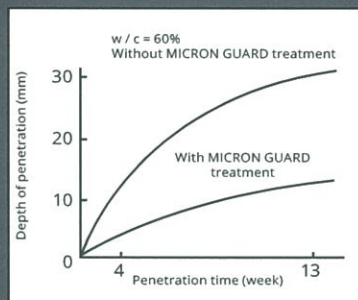
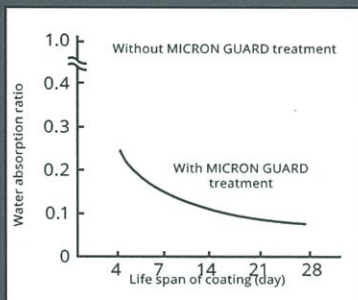
Standard Application Specification

Preliminary Results for Water Vapour Permeability

Preliminary Results for Water Vapour Permeability		Micron Guard S			Micron Guard W		
Test area of dish (10 ³ m ²)		5.024					
Test condition	Temperature (°C)	23					
	Relative humidity (%)	50					
Specimen reference		S1	S2	S3	S1	S2	S3
Thickness (10 ³ M)		0.85	0.62	0.77	0.34	0.262	0.29
Air Pressure (hPa)		1000					
Moisture flow rate (g/h)		0.072	0.075	0.065	0.0675	0.062	0.065
Density of moisture flow rate, WDD (g/m ² , 24hrs)		344.35	358.28	310.51	322.45	294.59	312.50
Moisture resistance factor		82.0	107.70	100.38	218.91	310.95	264.83
Average moisture resistance factor		96.69			264.90		
* Water Vapour diffusion – equivalent air layer thickness, Sd (m)		0.07	0.067	0.077	0.074	0.081	0.077
Micron Guard S Micron Guard W		0.071			0.077		

Performance Test

- Prevention of water absorption effect.
- Depth of Chloride penetration



- It exhibits protective effect preventing chlorinated ion as well as water absorption on concrete surface.



Material Handling

- Micron Guard S is flammable, do not use near naked flame and smoking is strictly prohibited during application.
- Micron Guard S will not be effective on non-absorbable substrate (eg. plastic, steel, etc)
- If skin comes into contact with Micron Guard S, wash thoroughly with soap water. For eye area, it must be splashed and washed thoroughly with clean water immediately. seek medical attention if eye is swollen.

Packing: Micron Guard S 16litre / can

For more information, please contact SKK Group of Company



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