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Environmentally Superior Paint

OMS ECO-Sil

788 / Mc Super

Self-Cleaning Dirt & Water- Repellent Façade Coating

Description

ECO- Sil 788 MC Super is a new generation of self-cleaning technology with very pronounced repelling effect . This new resin formulation is developed based on “**Lotus-Clean**” micro-texture technology in combination with the in-organic micro-silicon silan co-polymer and is specifically designed for whites and light- colored building façade. **ECO-Sil 788 Super MC** is a very effective finish to control dirt accumulation on building exteriors. Rain action triggers the “**Lotus-Clean**” self-cleaning mechanism on the paint film and keeping the façade cleaner longer. **ECO- Sil 788 MC** finish repels rain water and keeps building interior dry.

Features & Benefits

- “**LOTUS-CLEAN**” Micro-Texture mechanism – Self-cleaning Rolling –off effect, keeping exterior facade clean.
- Low surface tension – Repel dirt & dust.
- Micro-silicon / silan co-polymer - Repel rain water keeping interior wall dry
- Supermatt finish hides uneven surface imperfections
- Superior “Breathing” power. Allow concrete moisture vapor escape effectively
- Excellent exterior durability
- Excellent algae & mould resistance

Uses

OMS Super ECO- Sil 788 MC is an ideal finish in polluted urban city where a clean building façade is very much desirable. **Super ECO- Sil 788 MC** can be applied on the following surface after suitable surface preparation and priming.

- Aerated concrete
- Off form concrete
- Y Tong
- Cement render
- Old paint surface

Performance Guide

Weathering	Excellent	DIN EN ISO 11507	Abrasion:	Excellent resistance to abrasion
Heat :	Good for exterior uses		VOC Level :	
Salt Spray:	Excellent	DIN EN ISO 9227	Fungus & Algae	Low : < 40 g / L –
Sulfur Dioxide:	Excellent	DIN EN ISO 3231	Resistance :	Good Resistance
Repelling Water:	Excellent :	Water Contact Angle > 155 °	Liquid Water Absorption:	“Very Low” DIN EN 1062-3
			Water Vapour Transmission	“Very High” DIN EN ISO 7783-2

Application Data

Generic Type	Micro-Silicon / Silan Co-polymer	Application Conditions	
Gloss Level	Mineral Matt / Egg Shell	Minimum Air Temperature	+5°C
Finish	Smooth or fine textured finish	Drying Characteristics (at+ 20°C , 65%RH)	Hour
Colour	788 Super -Whites & mid-tone 788 -Full color range	Touch	1
		Recoat	2
Solids contents	65%	Application method	Brush, Roller, Spray
Clean Up	Water	No. of coat	2
Dilution	10 % Clean water if necessary	Flash Point	N/A

Theoretical coverage and consumption

A spreading rate of 6.0 sq. meters per liter can be achieved assuming no loss. Practical spreading rates will vary due to such factors as method and conditions of application and surface and absorbency & roughness.

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