



Mr. Protect

SMART EXTERIOR COLOURLESS PRIMER

DESCRIPTION:

Mr.Protect is a water-borne blend of Fiber glass and Acrylics for priming porous concrete and other mineral substrates. Highly water repellent it also helps bind and consolidate weak or powdery surfaces. Being low viscosity Mr. Protect penetrates well into the substrate whilst allowing the substrate to breath; outgassing any moisture until dry. Mr. Protect equalizes surface porosity allowing even application and reducing paint consumption of subsequent top coats; fully compatible with Skora Coatings Mr. Perfect smart quartz Paint. The hydrophobic zone prevents salt, water and alkalis being transported from within the substrate to the surface that also protects the top coat from attack from the same.

KEY FEATURES :



Smart Quartz-Shield

Quartz Paint technology forms a Quartz shield that develops a repellent nature for the surface of the substrate that does not allow water to get in to the wall itself as it's rendered hydrophobic which leads to a waterproof surface.



Anti-Mould

Anti-Mould Technology and Smart Hydrophobic Technology prevents mildews from growing in damp, humid, or moisty areas and creates a shield which avoids moisture penetration.



10 in One

Dilution of smart coatings is ten is to one. When smartly mixed the proper amounts of product and filtered water it helps to achieve the perfect dilution ratio to make it great job.



Anti Efflorescence

Smart Quartz Shield and Smart Hydrophobic Technology stops the migration of lime water molecules ($\text{Ca}(\text{OH})_2$) which are the reason behind the formation of the crystalline deposits of soluble salts causing Efflorescence on the walls.



Odourless

Our Paint technology avoids dampness, growth of mould and algae, surfactant leaching, efflorescence and many other problems which can release weird odour in the environment. Thus our paints and coatings are odourless.



Hydrophobic Technology

Quartz Our Smart Hydrophobic technology essentially extends the life of our paint and the wall to last a long by faithfully fighting against any form of water and moisture.



Smart Breathe

The Paint that breathes is a unique feature which allows existing moisture inside walls to escape in the form of vapor which in turn prevent the wall from degrading from the inside out.



Crack Proof

Hydrophobic technology and Smart Breathing feature avoids penetration of high levels of moisture in the wall, which can cause flaking, peeling or cracking of the walls in future.

AREAS OF USE:

Caste-in-place concrete	Yes
Pre caste concrete	Yes
Cement Stucco / Plaster	Yes
Skim Coat	Yes
Brickwork	Yes
Blockwork	Yes
Fibre cement sheet	Yes
Stone	Yes

SURFACE PREPARATION :

(Read in conjunction with Mr. Perfect Product Data Sheet)

Surfaces should be dry and free from contamination such as release compounds, oil, grease, loose particles, decayed matter, mildew, mold, laitance and any other material that may inhibit penetration.

Concrete should be at least 14-days old. Repair patching should be at least 3-days old.

Off-form and precast concrete high-pressure water washed to remove cement fines from surface. Substrate must be in a surface dry state.

Protect plants, glass, asphalt, bitumen, plastics and painted surfaces prior to application.

APPLICATION METHOD :

Best applied diluted by (1 :9 water) low-pressure spray (not airless) or roller with surface temperature between 10 degree Celsius and 40 degree Celsius.

APPLICATION QUALITY CONTROL :

The surface must be completely wet out; if applying by spray use wet on wet application technique. Typically touch dry 30 minutes at 25°C – water repellent 6 hours. Do not apply;

- If rain is due on day of application
- In hot direct sunlight that heats the substrate above 40°C
- In high wind conditions
- If ambient temperature is 10°C and falling

APPLICATION RATE :

Average application rate 75 sq ft per liter – can vary between 26- 80 sqft per liter depending on porosity.

Apply test area and check penetration and surface residue once dry.

Excess residue, minimal penetration and/or poor adhesion may point to previous coating treatment or residual curing compound and may negate use of a primer

SMART QUARTZ PAINT TOP COAT :

Allow Mr. Protect to cure for 6-hours or overnight prior to application of Mr. Perfect Smart Quartz Paint from Skora Coatings

STORAGE :

Mr. Protect has at least a 12-month shelf life when stored in originally sealed containers at temperatures not above (40°C); minimum temperature during storage and transportation 25-40°C.

Containers to be protected against direct sunlight.

Do not store on concrete floor.

If beyond use by date shown on label does not mean product is no longer usable; properties to be checked for quality assurance reasons.

PRODUCT DATA :

Colour	White/Milky (wet) – Clear (dry)
Material	Fiber glass/Acrylic blend
Solvents	None (Water Based)
Density at 25°C	800gm/Ltr
pH.	7.0 approx.
Flash point	100°C
Volatile Organic Compound	< 10gm/Ltr
Coverage	50 to 80 Sq.Ft./Ltr

RESTRICTIONS ON USE :

Do not use in below grade or full immersion situation where hydrostatic pressure can be significant.

PACKAGING :

1 Liter, 4 Liter, 10 Liter, 20 Liter

CLEAN UP : Water

NOTES / LIMITATIONS :

Overspray leaves film residue, remove immediately with water.

HEALTH & SAFETY

If contact with eyes use water to wash.

Note : The information provided is intended as a guide only and is correct to best of our knowledge at time of issue. It should not be considered as a definite approval for suitability for a particular purpose.



Updated on : 20/10/2020. Please note that this data sheet supersedes all previous versions.

SKORA COATINGS

Plot No. H-15, M.I.D.C., Satara, Pin Code 415004 | Consumer Relations Manager Tel. 02162 - 244310

Email: reachout@skoracoatings.com | Web: www.skorapaints.com