
TECHNICAL DATA SHEET

LOTUS CLEAN

LOTUS CLEAN is specially designed water borne architectural facade paint with extremely high water repellency where water drops roll off the paint surface and carry along with it the dirt accumulated on the surface giving a clean and neat look every time. This is a bio-mimicked technology inspired from nature resembling lotus leaves.



Features, benefits and areas of application

- + All kind of exterior masonry walls
- + Water-borne single pack paint with self-cleaning ability
- + Super-hydrophobic surface with easy water roll-off
- + Re-coatable with any paint
- + Excellent water and alkali resistance
- + High dirt pick-up resistance(DPUR)
- + Excellent crack-bridging property
- + Excellent efflorescence resistance
- + Excellent protection against alga, fungi and microbial attack

Technical information

Materials: Water borne 100% special acrylic emulsion paint

Color: Available in all shades

Recommended dry film thickness:
30-50 micron/coat

Touch dry time: 15-25 min

Re-coatable time: Min 3 hrs
(depending on air temperature & humidity)

Finish: Semi glossy

Coverage: Approx 60 - 80sq.ft. per litre in two coats

Cleaning solvent: Water

Recommended dilution (with water only):

~ Brush and roller application: 10-20% by volume

~ Spray application: 15-25% by volume

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Application Guidelines

Surface preparation

Surface must be free from dirt, grease, oils and any other foreign substances. Any flakes of old paint or powdery residues must be scrapped off and cleaned thoroughly by sanding using an emery paper. Algae and fungus on walls to be removed by high pressure water wash or coir brush and apply Bio-Wash fungicidal solution if needed. Fill cracks with suitable crack filling chemicals and allow the surface to dry completely prior to start the painting job.

Apply primer on well-prepared surface and allow it to dry for 3-4 hrs prior to the application of Lotus-clean finish coats.

Cleaning

Clean all tools and spillage of paint with water immediately after application.

Product specs

Storage: Store in cool & dry place. Keep container tightly closed in a secure, upright position. Store in accordance with local regulations.

Packing: 2 & 20 ltr

Shelf life (when stored as recommended): Min 36 months

Mixing Application

Stir the paint before application and then thin down to applicable consistency with required quantity of potable water. Mix thoroughly till the components become homogenous. Apply the paint liberally with paint brush followed by rollers. Apply 2-3 coats of Lotus clean to achieve the desire opacity as well as finish depending on the shades. Provide 4-5 hrs drying interval in between the coats.

Precautions & limitations

- + Do not apply when concrete surfaces or ambient temperatures are below the dew point.
- + Material and the substrate temperature should be above 10°C and below 50°C before use
- + Application on direct sunlight and windy situation may affect the paint performance