

TECHNICAL DATA SHEET

PAINT W2K

PAINT W2K is a specially designed, one of its kind, paint for Interior walls like kitchen, bathroom, drawing and bedroom walls where tough stains can easily be cleaned by mechanical scrubbing or with any common cleaning agents.

It's a two components, reactive semi-glossy water borne paint, once dried, forms highly cross-linked polymer network that can withstand the scrubbing action of highly abrasive materials like 'Scotch Brite'. The paint film is also highly chemical resistant and remains unaffected by strong detergents, acidic cleaning agents or any other cleaning solvents.



Typical applications

- + Drawing and bedrooms walls and ceilings
- + Kitchen walls & ceilings
- + Bathroom walls & ceilings
- + Community hall walls & ceilings
- + Children rooms
- + Corridors
- + Dado areas

Features & Benefits

- + Water-borne highly cross-linked polymer
- + High mechanical robustness
- + All types of tough stains can be cleaned easily
- + No film deterioration or color change on high scrubbing
- + Resistance to all commercial cleaning agents (domex, harpic, dettol, savlon etc.)
- + Can be cleaned with mild abrasives with most detergents and solvent like alcohol
- + Excellent water and chemical resistance
- + Can be applied on damp surfaces
- + Work against rising dampness
- + No fungus, alga, mildews growth on the cured paint film
- + Minimum surface cleaning is needed

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Application Guidelines

Technical Information

Materials: Two packs reactive system

Color: Base white

Mix ratio (base: curing agent): 87:13 (wt/wt)

Recommended DFT: 30-35 micron/coat

Pot life: 4 hr (max) @ 30°C

Touch dry time: 45-60 min

Re-coatable time: Min 8-10 hrs

(depending on air temperature & humidity)

Full cure: 12-24 hours

Finish: Egg shell; semi glossy

Coverage: 80 - 120 sq.ft. per ltr in two coats

Cleaning solvent: Water

Scrub value: >3000

Recommended dilution (with water only):

~ Brush and roller application: 10-15% by volume

~ Spray application: 15-20% by volume

Mixing and Application

Stir the base and hardener parts separately before mix them together. Mix hardener gradually into the base container (not the reverse) under continuous stirring. Always mix the full quantity as supplied to avoid improper curing issues. A suitable power mixer is recommended for uniform mixing of the product. Continue the mixing for 3-5 minutes. Allow induction time of 10 minutes 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 Paint W2K to achieve the desire opacity as well as finish, depending on the shades. Provide 4-5 hrs drying interval in between the coats.

Product specs

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

Packing: 2 & 5 ltr Bucket. **Shelf life (when stored as recommended):** Min 12 months

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 prior to start the painting job.

Apply Prime on well-prepared surface. Apply suitable putty to remove the undulation on the surface. Once the putty dries sufficiently hard smoothen the surface by sanding with emery paper No. 320

Cleaning

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

Precautions & limitations

- + Paint W2K is for Interior use only.
- + Once base is mixed with hardener, paint should be consumed within pot-life.
- + 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