

# Walkote 2K

## 2C PUD wall coating



### Description

Walkote 2K is a water borne, aliphatic, two component PUD based coating cured with a hydrophilic poly-isocyanate hardener, recommended for the most demanding walling applications. Walkote 2K imparts a smooth semi glossy film which has excellent durability, adhesion, water resistance and excellent abrasion resistance. Walkote 2K meets the clean room specifications for algae and fungi resistance. The performance of Walkote 2K is on par with the solvent borne 2K polyurethane wall coatings. Walkote 2K is an anti graffiti coating recommended for the harshest conditions for interiors and exteriors.

### Uses

- Extremely resistant wallings for pharma and food industries

### Key features

- Resistant to most chemicals
- Excellent mechanical properties at par with solvent borne coatings.
- Resistant to fumigation chemicals
- Resistant to graffiti
- Resistance to yellowing



**Certified**

### Properties

Type	: Water borne, 2C, PU	Mixing ratio	: 10 : 1 by volume
Finish	: Smooth, glossy	Colour	: Desired shade
Drying time ASTM D 1640		Volume Solids ASTM D 2697	: 45%
Surface dry	: $\geq$ 25-30 minutes	Clean up	: Water
Tack free dry	: $\geq$ 2-3 hrs	Application	: By roller
Hard dry	: $\geq$ 24 hrs	Shelf life	: 12 months in the unopened container

### Directions to use

The walls should be fully matured before Walkote 2K is applied. In case, the surface levelling is not proper, it could be done with the usual plaster of paris treatment or similar cement based putties. Sand the surface with sand paper no. 100. Apply Walprime by brush or roller. Reapply after 1 hour. Apply Walputty by putty knife to cover up surface dents and imperfections. Allow to dry overnight. Repeat the operation till you get a smooth and levelled surface. Allow to dry for 1-2 hours. Sand the surface. Apply a prime coat of Walprime and allow to dry for 4-5 hours. Mix Walkote 2K resin and hardener in the ratio of 10:1 by volume. Mix vigorously for 10 minutes to get a uniform mixture. Mix water if required. Apply Walkote 2K by roller / brush. Allow to dry for 2-3 hours. Reapply.

### Packaging and theoretical coverage

Walkote 2K is available in 5 and 20 litre packings and has a maximum shelf life of 12 months in the un-opened containers. 1 litre covers 8 to 9 sqm / coat at 50 microns.

**Note :** The typical physical properties given above are derived from testing in a controlled laboratory environment. Results derived from testing field-applied samples may vary, dependent on actual site conditions

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## Storage and handling

The product should be stored in accordance with national regulations. It should be kept in a cool, well ventilated area, away from heat, direct sunlight, sparks and children. Handle with care. Mix resin and hardener as per the ratio. Use the mix solution within the pot life time.

## Health and safety precautions

Please refer to MSDS. Observe reasonable care and employ ordinary hygienic principles such as washing the hands with soap and water before eating or smoking. It is recommended to wear gloves, goggles and nose masks while application. Incase of splashes on the skin, dampen the cloth with thinner PUT 503 and wipe the hands with the cloth. Wash then with soap and water. Dried film is non toxic. Incase of contact with eyes, rinse with plenty of water and seek medical advice. Incase of continuous exposure to vapour, the applicator should be immediately moved to get fresh air. The disposal of excess or waste material should be carried out in accordance with the local legislations.

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