

Dr. Fixit Dampguard Classic



DAMP-PROOF COATING FOR INTERNAL WALLS AND RCC WATER TANKS

Description

Dr. Fixit Dampguard Classic is a two-component coating composed of epoxy resin, curing agent, inert pigments & properly selected fine fillers, additives in water as a medium. It has an advantage of dilution with water for application over cementitious surfaces. It is used as an internal coating for the damp proofing treatments of water tanks with anti-microbial anti fungal properties. It has excellent water resistance, adhesion to concrete surface, has good hardness and sets faster.

Typical Application

- Damp proofing treatment for RCC water tanks.
- Internal damp wall treatment.
- As putty with OPC- White cement to fill the fine cracks of internal walls.
- In sterile areas of pharma, food industries & hatcheries etc.

Features

- **Application advantage** - It can be applied over damp concrete & plaster surfaces and provides excellent water resistant coating with tough & hard film.
- **Microbial resistant** - Possesses anti-fungal property and is resistant to micro-organisms.
- **Adhesion** - Provides excellent adhesion to all cementitious substrates.
- **Chemical resistant** - Excellent resistance to water, salt water, mild acids, alkalis & soap water.
- **Toxicity** - It is Non-toxic.
- **Eco-friendly** - Non-hazardous and non-flammable.
- **Economical** - Water dilutable with high coverage hence economical.
- **CFTRI Certified** - Safe for drinking / Potable water contact.

Packaging

500 gm, 1 kg & 200 kg

Method of Application

1 SURFACE PREPARATION

- Clean the surfaces thoroughly, it should be free from oil, grease, dust, dirt, fungus and moss.
- Thorough wire brushing followed by sanding with emery paper is recommended.
- Remove the existing paint, neroo or instant lime, etc. while treating internal damp walls.

2 MIXING

- Stir the Base and Hardener thoroughly in their individual packs to achieve the uniform consistency.
- Pour the Base part in appropriate container followed by the Hardener part and mix them thoroughly to a homogeneous smooth paste.
- Dilute the mixed compound with water (In ratio of 1 part Base: 1 part Hardener: 1 part water) by slow addition and mix it thoroughly to get a brushable consistency.

3 APPLICATION

Damp proofing of RCC water tanks

- Fill the cracks & grooves with Dr. Fixit Dampguard Classic and cement modified putty & allow it to dry for at least 24 hours.



- Apply a coat of Dr. Fixit Dampguard Classic. Let it dry for 24 hrs as there is no ventilation inside the tank for proper drying..
- Apply second coat of Dr. Fixit Dampguard Classic. Allow it to air cure completely for 7 days.
- The coating of Dr. Fixit Dampguard Classic then must be cleaned thoroughly with plenty of water 6-7 times prior to storage of the water to avoid foam formation.

Dr. Fixit Dampguard Classic Putty Preparation

In case of persistent dampness problems use a coat of putty prepared with Dampguard Classic as directed below.

- Stir the contents of both base and hardener individually to achieve uniform consistency for each.
- Mix base and hardener together and mix thoroughly to achieve homogenous mixture.
- Mix 1 part of prepared Dampguard Classic with one part of cement and stir well to achieve a proper consistency of putty.

Damp-proofing of Internal Walls:

1 SURFACE PREPARATION

- Clean the existing substrate as mentioned earlier in the surface preparation section.

2 APPLICATION

- Apply two brush coats of mixed Dr. Fixit Dampguard Classic at an interval of 6 to 8 hours.
- Allow it to dry for minimum 24 hours before proceeding for painting.
- In case of persistent dampness problems, Apply one coat of Dr. Fixit Dampguard Classic followed by a coat of Dr. Fixit Dampguard Classic Putty prepared as stated above and finally second coat of Dr. Fixit Dampguard Classic.

Precautions & Limitations

- Not recommended for rising dampness.
- Do not apply directly on neroo or POP. Removal upto plaster level is necessary.
- Do not dilute with water more than recommendation.
- Do not apply below 10 deg celsius.
- Do not apply directly on paints.
- Curing of coating depends upon the humidity and ventilation.
- In case of water tanks rinsing with plenty of water is required before filling with water to avoid foaming.
- In case the putty becomes stiff add a little water to attain right consistency.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Nature		Two component
Mixing ratio, By weight (Base : Hardener : Water)		1:1:1
Consistency		Free flowing smooth paste
Pot life at 30°C, Minutes		40 minimum
Surface drying time at 30°C, hrs		1-5 hrs.
Intercoat periods, at 30°C, hrs		6-8
Water absorption at 38°C	ASTM C 870 : 90	Nil
Adhesion strength, N/mm ²	ASTM D 4541 : 02	2.5 (Failure occurred in the system)



Theoretical Coverage

- Dr. Fixit Dampguard Classic as a coating: 6 to 8 m² per kg per coat at DFT 75 microns
- Dr. Fixit Dampguard + OPC Cement putty: 0.6 to 0.8 m² per kg per coat.
- * Coverage depends upon the nature & texture of the surface.

Shelf Life

Shelf life is 12 months from the date of manufacturing if stored in original and unopened packaging in a cool dry place away from direct sunlight.

Health & Safety

- **Skin Contact:** Wash skin with soap & water. Remove contaminated clothes.
- **On eye contact:** Immediately splash eyes with plenty of water. Consult Physician if irritation persists.
- **Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a Physician.

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Pidilite Industries Limited
Construction Chemicals Division
Ramkrishna Mandir Road, Post Box No. 17411
Andheri (E) Mumbai 400059 INDIA
Tel +91-22-2835 7000 • Fax +91-22-2835 7008
www.drfixit.co.in • info@drfixit.co.in
Dr. Fixit Advice Centre (Toll Free No.) 1800 209 5504

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