



Best Con DR.Wall

Product Data Sheet

Description

Best Con DR. Wall water based concrete anti-fungal waterproof, Damp proof & curing compound is based on a low viscosity wax emulsion. It is supplied as a white emulsion which forms a clear film on drying.

When first applied in fresh Water & cement the emulsion breaks to form a continuous, non-penetrating white coating. This dries to form a continuous clear film which provides a barrier to moisture loss, ensuring more efficient highly bonding with brick & cement, improved durability and reduced hair crack shrinkage.

Best Con DR. Wall is also available in a white milky version. It contains a white polymer based on titanium dioxide to meet specifications requiring such pigmentation for reduction of solar temperature gain.

Uses Area

- Masonry surface, concrete, plaster surface and brick walls subjected to damage from moisture / efflorescence.
- Toilets and wet areas.
- Balconies, chajjas and utilities.

As a Coating applied membrane to retain moisture concrete Surface for effective Waterproof & curing purpose.

Suitable for all general concrete Surface applications. Of particular benefit for large area concrete Plaster surfaces, such as Multi Stored Building, bridge and Critical Concrete surface works.

Advantages

- Suitable for treatment of damp patches from negative side
- Excellent crack bridging ability.
- Coating application reduces labour costs, therefore eliminates the need for alternative curing systems.
- Excellent adhesion to concrete, masonry and plastered surface.
- Long working life.
- Easy application by brush, roller, trowel or spray.
- Bonds to green or damp surface.
- Effective barrier to sulphates, chlorides & carbonation.
- Provides long lasting protection against efflorescence.

Standards compliance

Best Con DR. Wall gives 70% or greater curing efficiency when tested to BS 7542 and complies with BS 8110 Part 1, clause 6.6.3(c), ASTM C309 and AASHTO M148 as Type 1D.

Instructions for use

Mixing ratio:

***Application on Brick Surface-**

Step-1 (Slurry make and apply before plaster)
Best Con DR.Wall : Cement : Water (1 : 10 : 4)

*Application in plaster motar mix
Step-2 (Motar making)
300ml (Dr. Wall) mix with per bag cement for plaster .

First applied to the brick surface the above ratio. Application should begin as soon as the concrete is free from surface water. Do not apply if bleed water is forming, or is present on the concrete or brick surface.

After brick surface coating, no further application of water or other material is necessary to ensure continued curing. The concrete surface should not be disturbed until it has sufficient strength to bear surface loads. The applied film should not be trafficked until it is fully dry, care should also be taken to ensure that the film is not subsequently broken.

Best Con DR. Wall may be applied to the surface of newly Brick & concrete surface. In such cases the concrete surface must be damp and not dry. Dry surfaces may prevent correct film formation and cause absorption of the **Best Con DR. Wall** which may lead to staining and difficulty in later removal.

Precautions

Health and Safety instruction

Best Con Dr.Wall is non-toxic but alkaline in nature. Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice. Use a dust mask while handling the powder.

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Limitations

- **Best Con DR. Wall** should not be continuously recirculated in high shear pumps in concrete train or similar applications, as this may cause a breakdown of the emulsion before spraying. If continuous recirculation is necessary, the sprayer should be fitted with a low shear diaphragm pump.
- Minimum application temperature 5°C.

Estimating

Supply

Best Con DR. Wall	: 5 L, 10 L & 20 L Pail
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Coverage

Best Con DR. Wall	: 3 to 4.0 m ² /litre
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Storage

Best Con DR. Wall has a minimum shelf life of 12 months, provided the temperature is kept within the range of 4°C to 35°C. Freezing and prolonged exposure to heat or direct sunlight should be avoided. Should the temperature of the product fall outside this range then the Best Con Technical Service Department should be contacted for advice.

Containers should be kept sealed and airtight to prevent loss of moisture by evaporation.

Precautions

Health and safety

Technical support

Best Con DR. Wall provides a technical advisory service for on-site assistance and advice on admixture selection, evaluation trials and dispensing equipment. Best Con Technical data and guidance can be provided for admixtures and other products for use with fresh and hardened concrete.

Fire:

Best Con DR.Wall is water based and non-flammable.

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Suitable protective gloves and goggles should be worn.

Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - **do not** induce vomiting.

For further information consult the Material Safety Data Sheet available for this product.

