

DAMPSTOP DUO

Primer in combination with damp-proofing barrier based on nano technology



SCIENTIFIC WATERPROOFING SOLUTIONS



Product Benefits



Long lasting warranty on Dampness and Efflorescence

Waterproofing effect up-to 2 bar negative water pressure



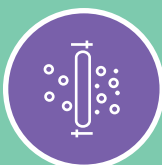
Prevents the wall from salt leaching

Can be applied in high moisture content, provided there are no permanent leaking of concealed pipes



Ready to use and easy to apply

Penetrative Nano additive which blocks porosities



Excellent adhesion to the substrate

Top-coat coverage improves by 15-20%



Product Description

HS Dampstop Duo is a specially formulated premium quality acrylic primer with superior alkali, damp and efflorescence resistance properties both from from positive and negative side of wall. It consists of penetrative polymer in combination with pore blocker which blocks the surfaces porosities of plastered wall/putty and as well hardens the surface to counter effectively the dampness both from the positive and negative side and prevents alkali leaching/efflorescence and enhances the durability of the top coat paint system. It can be applied on cement plaster.concrete, other masonry and putty surfaces. The surface should be fully cured , dry and free from any loose particles.

Recommended Dilution



For walls susceptible to moisture ingress, 2 coat application is recommended and this is also recommended in the re-painting sites where the walls are already affected with dampness

50% dilution with water – Application of one coat before painting.

100% dilution with water – Application of two coats with an interval of approx. 4-6 hrs. before painting.

Coverage



All on 1 coat primed surface	No of coats	New surface
By brush application	1	100-110 square ft
By brush application	2	80-90 square ft

N.B : Coverage depends on many factors like surface conditions, surface preparation, application skill, weather conditions, dilution etc. The coverage mentioned is under ideal conditions and will vary depending on site conditions. Coverage on different surfaces takes into account of co-efficient as per IS-1200.

Shelf Life



In unopened, undamaged original container, protected from direct sunlight and frost at temperatures at +100C to +400C , shelf life is at-least 1 year from the date of manufacture. It is always advised to keep the materials away from direct sunlight for a prolonged period of time beyond 4 months.

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Safety Instructions

Safety Precautions

Accidental splashes onto skin must be washed off with water and soap. In contact with eyes or mucous membrane, rinse with clean warm water and seek medical attention without delay.

Ecology

Do not dispose of into water or soil, but it is advisable to do it as per local regulations.

Toxicity

Non-toxic under the relevant local health & safety codes.

Transport

Non hazardous.

Application Methodology

Surface Preparation



Surface should be free from oil or any other loosely held particles. The integrity of the substrate should be good. Surface cracks less than 5 mm must be filled with Berger Crackfill Paste. Bigger Cracks, damaged substrate or hollow portion (if any) should be repaired first with polymer modified mortar preferably admixed with HS Advance Latex Plus. Before application the substrate must be in saturated(SSD) dry condition.

Application



The material can be applied by brush easily. This can be a fresh or repainting site and hence the preparation of the substrate should be of Para-mount importance for efficient product functioning. The substrate should be cleaned/repared or abraded and then to be dried as recommended above before application of the product. If the repainting site is having putty on the substrate, which is already damaged due to dampness, then it is advisable to remove the putty and apply HS Damp-stop Duo in 2 coats on the plastered substrate and putty should be applied at the top of it. A single coat can be applied on the top of re-laid putty. After drying, all types of Putty [Bison Wall Putty/HS Waterproof Putty /Bison Happy Wall Putty] can be applied on HS Dampstop Duo and vice versa

Precautions

- Stir the material thoroughly before use
- Keep the container tightly closed to prevent drying.
- Too high a moisture level similar to water dripping from the surface is not conducive for HS Dampstop Duo functioning. Moisture content of the wall [Ideal : below 12%]
- Post application of HS Dampstop Duo, it is not advisable to apply local putty.
- For surfaces with low porosities , 2 coats may be needed with a time interval of 30 minutes maintaining the forced coverage.
- pH value of the wall surface [7-11]
- Ambient temperature over 100C is needed for right curing of the product.
- High humidity over 90% may also affect adversely for proper curing of the product.

Important

The information given in this data sheet is based on experience and is correct to the best of our knowledge . However, since success of application of our products is dependent on number of factors, we only can be responsible for quality of our products at the time of dispatch. In the event of any doubt on any critical parameter, it is advisable to seek clarification from our technical personnel.

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