

DAMP SHIELD ELASTO

Single Component Liquid Applied Waterproofing Membrane

BERGER
(HOME
SHIELD)
WATERPROOFING SPECIALIST



Product Attributes



Easy to use

Single component, user-friendly water-based product

Self-priming
Used as a primer on dilution



Water Permeability
Resistance toward ingression of water

Adhesion
Strong adhesion to masonry surfaces



Flexibility

Elongates to prevent cracking from 1.5 upto 2mm

Mechanical Strength
Suitable for foot traffic on roof area



Heat Reflectance

Outstanding whiteness reflects heat, provides cooling effect on the construction

Anti-carbonation
Reduces carbon dioxide and chloride ion diffusion, protecting corrosion of rebars



Economical

Used for re-coating, repairing/maintenance

Product Description

Home Shield Damp Shield Elasto is a fibre-reinforced liquid applied elastomeric waterproofing membrane, impregnated with synthetic fibre. The product is specially formulated with PU Modified Binder and fibres for extended durability in exterior application.

Recommended Use

Used for waterproofing of -

- Building roofs and terraces
- Parapets, sunshades and exterior vertical walls
- Existing IPS, sound brick bat coba or cementitious screed

Toxicity



Non-toxic with low VOC

Aspect



White viscous liquid

Density



Approx. 1.26 Kg/L at 30° C

Service Temp.



Around 5° C-40° C

Application Tools



Brush/Roller

Dilution Ratio



40 % with potable water

Health & Safety

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

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Packs



Ecology

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

Storage

In unopened, undamaged original container, protected from direct sunlight and frost at temperatures At +10°C to +35°C, shelf life is at-least 12 months from the date of manufacture

It is always advised to keep the materials away from direct sunlight for a prolonged period of time

SURFACE PREPARATION



The surface to be applied should be clean and sound, free from any kind of contamination, dirt, tar/bitumen coating etc.



Thoroughly wire brush the surface and clean the dust by air compressor or by water jetting.



Oil and grease must be removed using degreasing solvents.



All cracks at parapets, corner joints and roof surfaces should be taken care of, minutely. All types of plumbing leakages must be repaired.



Any damaged surface must be repaired by using crack fillers or polymer modified repair mortar like Advanced Latex Plus.



In case of horizontal applications appropriate sloping must be created, if not already available.

PRIMING - Priming is essential for all types of applications – Vertical and Horizontal

Product	Stage	Dilution	Application Tool	Inter-coat Period
DAMP SHIELD ELASTO	Self-priming	40% (max) with potable water	Brush	4-6 Hrs

DIRECTIONS FOR APPLICATION

Horizontal Waterproofing

Product	Stage	Forced Coverage (ft ² / Ltr/2 coats)	Application Tool	Inter-coat Period
Damp Shield Elasto	Waterproofing 1st Coat	30	Hard Brush / Roller	4-6 Hrs
Damp Shield Elasto	Waterproofing 2nd Coat		Hard Brush / Roller	4-6 Hrs

Vertical Waterproofing

Product	Stage	Forced Coverage (ft ² / Ltr/ coat)	Application Tool	Inter-coat Period
Damp Shield Elasto	Waterproofing Coat	55	Hard Brush / Roller	4-6 Hrs
Exterior Paint Topcoat	Decorative 1st Coat	As specified	As specified	As specified
Exterior Paint Topcoat	Decorative 2nd Coat	As specified	As specified	As specified

PRECAUTIONS

- Areas with existing structural defects need to be rectified before application.
- Must be protected from direct sunlight, rain or extreme weather condition the green stage of application.
- Horizontal application should be prevented from maltreatment that may cause perforation of the membrane.
- End to end application, instead of part application, is always recommended for best results.

NOTES

- Allow minimum of 48 hours before subjecting the painted surface to service.
- Do not apply during rain, fog or mist or when the temperature falls below 10°C
- Health and Safety: Please refer to the separate Safety Data Sheet available with detailed information

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