



We are Changing



Product Guide
Waterproofing



Waterproofing

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BOSTIK ONE

Integral Waterproofing Admixture



DESCRIPTION

Bostik One is a smooth aqueous liquid waterproofing dispersion for addition into cement renders and screed, which effectively blocks the passage of water and increase mortar resistance against water and chemicals.

RECOMMENDED USES

- To waterproof floor screeds in Bathrooms, Shower Rooms & Kitchen.
- To waterproof cement sand plaster and render in Reservoirs and Water Tanks.
- To waterproof normal mixes of plaster and concrete.
- To weatherproof external facade renders.
- To form waterproof barrier mortar.

TECHNICAL INFORMATION

Supply form	Liquid
Ph value	approx 9.5
Specific gravity	1.0 kg / litre
Solubility	Water

FEATURES AND BENEFITS

- Improve density of cement mortar mix.
- Non- toxic
- Chloride free, does not attack metal.
- Water - repelling
- Confirms to IS - 2645 - 2003

MIXING

Add Bostik One in the volume of water used for mixing mortar, render or screed.

DOSAGE

100 ml per 50 kg of cement

PACKAGING

200 ml, 1,5, 10, 20, 100 & 200 Litres.

STORAGE & SHELF LIFE

12 months in original packing



BOSTIK TWO IN ONE

Integral Waterproofing Cum Water Reducing Admixture



DESCRIPTION

Bostik Two in One is a chloride free integral waterproofing cum water reducing admixture for concrete and plaster.

AREAS OF APPLICATION

- Concrete roof slabs.
- Floor screeds in bathroom and damp areas.
- Basement slabs and walls.
- Concreting / Plastering of water tanks and sumps.
- External / Internal plastering.

FEATURES & BENEFITS

- Increases workability and improves placing and compaction of concrete.
- Blocks the capillary structure within concrete.
- Improves durability and compressive strength.
- Improves cohesion and prevents segregation of Concrete.

DOSAGE

200 ml per 50 Kg cement.

PRECAUTION

Overdosing of admixture (i.e. above 250 ml / 50kg of cement) may cause delay in setting time and increased air entrainment resulting in reduction of compressive strength.

PERFORMANCE PROPERTIES

Appearance	Brown coloured liquid
Specific gravity	1.17 - 1.18
Chloride content	< 0.05%
Complies to IS 2645-2003 & IS 9103 - 1999	

PACKAGING

200 ml, 1, 5, 10, 20, 100 & 200 Litres.

STORAGE & SHELF LIFE

12 Months in original packing.

BOSTIK LW

Integral Waterproofing Admixture for Concrete and Plaster



DESCRIPTION

Bostik LW is a chloride free admixture and supplied as brown liquid.

AREAS OF APPLICATION

- Concrete roof slab.
- Floor screeds in bathroom and damp areas.
- Basement slabs and walls.
- Concreting / Internal Plastering Compliance - IS2645-2003.

DOSAGE

200 ml per 50 Kg. Cement.

PACKAGING

200 ml, 1,5,10,20,100 & 200 litre.

STORAGE & SHELF LIFE

12 months in original packing.

BOSTIK IWP

Integral Waterproofing Powder



DESCRIPTION

Integral waterproofing powder for plaster and concrete.

AREAS OF APPLICATION

- Concrete roof slabs / screeds.
- Floor screeds in bathroom and damp areas.
- Basement slabs and walls.
- External plastering.
- Plastering of water tanks and sumps.

FEATURES & BENEFITS

- Simple to use.
- Seals the capillary pores to prevent water seepage.
- Improve water tightness.

APPLICATION PROCEDURE

- Mix cement, sand and aggregates as required.
- Add IWP to cement / sand dry mix and mix thoroughly to get uniform colour.

- Add required quantity of water to get desired consistency.

PERFORMANCE PROPERTIES

Appearance	White Powder
Complies to	IS : 2645 - 2003

DOSAGE

1 kg for 50 kgs of cement.

PRECAUTION

IWP should be added in dry mix only.

PACKAGING

1 & 25 Kgs.

STORAGE & SHELF LIFE

12 months in original packing.

BOSCOMATE PLASTER

Mortar Admixture

DESCRIPTION

Mortar admixture to improve workability and better troweling properties of cement mortar.

AREAS OF APPLICATION

All types of plastering mortar of external and internal applications.

FEATURES & BENEFITS

- Compatible with all types of cements.
- Improves water tightness with good workability.
- Minimize drying shrinkage.
- Improves bonds to surface.
- Makes good appearance of joints in brickwork.
- Rebound loss can be minimized in plastering.

APPLICATION PROCEDURE

- Add Boscomate plaster to gauging water and stir the mixture well.

- Add this mixture to cement / sand mortar and mix well.
- Add water if required for workability.
- Finish the surface as desired.
- Normal curing is recommended.

PERFORMANCE PROPERTIES

Appearance	Pale Yellow liquid
Chloride content	Nil

DOSAGE

100 ml for 50 kgs of cement.

PACKAGING

200 ml, 1,5,10,20,100 & 200 Litres.

STORAGE & SHELF LIFE

12 months in original packing.

ELASTOCOAT

High Performance Acrylic Elastomeric Coating



DESCRIPTION

Bostik Elastocoat is a high performance Elastomeric acrylic based water proofing coating with anti-fungal & crack bridging ability. Recommended for protection of exterior cementitious surfaces.

AREAS OF APPLICATION

- RCC Structure
- Masonry Walls
- Sloping / Flat Roofs
- Cooling Tower
- Bridges

FEATURES & BENEFITS

- Reliable crack bridging.
- Low water absorption.
- High alkali resistance.
- Low dirt pick up.
- Seamless membrane with good breathability.
- Long term exterior durability.
- UV Resistant.
- Water based & environment friendly.
- Can be tinted to desired shades.

APPLICATION PROCEDURE

- Surfaces should be free from oil, dust and other contaminants.
- Any deficiencies on the surface should be rectified before applying Bostik Sealer coat.
- Dilute Bostik Sealer coat up to 10% by volume with potable water.
- Apply sealer coat for better adhesion & sealing.
- Allow the sealer coat to dry for 2 hrs.
- Dilute Bostik Elastocoat upto 20% by volume with potable water.
- Apply first coat of Bostik Elastocoat by roller or brush on the primed surface.
- Allow drying for 4-5 hours before application of second coat.



PERFORMANCE PROPERTIES

Appearance	White in colour
Consistency	Thixotropic liquid
Surface dry time	30 minutes
Adhesion on Concrete	Excellent
Elongation @ 150 micron DFT	Minimum 150%
Crack Bridging	0.5 mm

COVERAGE

Bostik Sealer Coat : 12.0 sqm / ltr / coat
Bostik Elastocoat : 3.5 sqm / ltr / 2 coat
@ 150 micron DFT
(May vary depending on substrate)

PACKAGING

Bostik Sealer Coat : 1 & 5 Ltrs
Bostik Elastocoat : 5 & 20 Ltrs

STORAGE & SHELF LIFE

12 months in original packing.



EXTERIOR COAT

High Performance Acrylic Coating



DESCRIPTION

Bostik Exterior Coat is high performance acrylic based coating with anti fungal properties & UV resistant properties. Recommended for protection of exterior cementitious surfaces.

AREAS OF APPLICATION

- RCC Structures.
- Masonry Walls.
- Sloping Roofs.
- Cooling Towers.

FEATURES & BENEFITS

- Low water absorption.
- High alkali resistant.
- Low dirt pick up.
- Seamless membrane with good breathability.
- Long term exterior durability.
- Water based & environment friendly.
- Can be tinted to desired shades.

APPLICATION PROCEDURE

- Surface should be free from oil, dust and other contaminants.
- Any deficiencies on the surface should be rectified before applying Bostik Sealer coat.
- Dilute Bostik Sealer coat upto 10% by volume with potable water.
- Apply sealer coat for better adhesion & sealing.
- Allow the sealer coat to dry for 2 hrs.
- Dilute Bostik Exterior Coat up to 40% by volume with potable water.
- Apply first coat of Bostik Exterior coat by roller or brush on the primed surface.
- Allow drying for 4-5 hours before application of second coat.

PERFORMANCE PROPERTIES

Appearance	White in colour
Consistency	Thixotropic liquid
Surface dry time	30 minutes
Adhesion on Concrete	Excellent

COVERAGE

Bostik Sealer Coat : 12.0 sqm / ltr / coat
Bostik Exterior Coat : 5.5 sqm / ltr / 2 coat
@ 80 micron DFT
(May vary depending on substrate)

PACKAGING

Bostik Sealer Coat : 1 & 5 Ltrs
Bostik Exterior Coat : 5 & 20 Ltrs

STORAGE & SHELF LIFE

12 months in original packing



BOSCOLASTIC

Two Component Flexible Waterproofing Coating



DESCRIPTION

Boscolastic is a two component flexible acrylic polymer cementitious waterproofing coating that is mixed on site and resurfaced on concrete and other construction materials to waterproof. Boscolastic has excellent weathering resistance and crack bridging property.

RECOMMENDED USES

- Water Tanks.
- Bathrooms, Balconies, Terraces.
- Swimming pools and pool decks.
- Water Features and ponds
- Planter Boxes, Canopies.
- On external environmental deck.
- In between or under floor toppings.

FEATURES & BENEFITS

- Flexible, elastic & can bridge cracks.
- Accommodates flexible movements in suspended structures.
- Can be tiled over successfully.
- Bonds well to sound substrates.
- Ability to withstand heavy topping without fracture.
- Applied on damp walls and floors.
- Can be painted over with elastic paints.
- Hard and abrasion resistant.

DAMPEN

All concrete and cement substrates shall be saturated with clean water before applying Boscolastic waterproof coating. No free standing water is present during application.

SURFACE PREPARATION

All substrates shall be sound and free from dust, excess mortar, oil other loose particles. Cracks or honeycombs shall be repaired using suitable cement mortar.

MIXING

Empty liquid component in a clean container and slowly add the powder component whilst stirring using a slow speed (500-600 rpm) electric drill with a suitable paddle. Minimal amount of water may be added to ease application only when necessary. Small amount may be hand-mixed separately. Mix until homogeneous slurry is obtained and make sure that no unmixed powder is left at the bottom of the container.

PERFORMANCE PROPERTIES

Form	Grey Powder White Milky Liquid
Binder	Cement
Extender	Selected fine silica
Resin	Acrylic Polymer
Adhesion to concrete	> 0.60 N / mm ²
Tensile strength- ASTM D412-92	2.4 N / mm ²
Elongation at Break ASTM D412-92	> 250%
Crack Bridging	> 2 mm
Hardness Shore A	> 70
Resistance to Water Penetration DIN 1048: part 5	No penetration @ 0.2 kgf / cm ² for 6 hours
Pot Life 20°C (mixed)	45 mins to 1 hour
Set to touch 20°C	Within 2 hours
Final set 20°C	4 - 6 hours

PLACING

The mixed Boscolastic can be applied onto the prepared substrate using a bristle brush or block brush. The application of Boscolastic waterproofing can be done in one or two coats depending on the manufacturer's specification. When more than one coat is necessary to achieve the desired thickness, apply the subsequent coats after 1-2 hours curing of the previous coat. It is recommended to keep each coat at a wet film thickness of 1mm and no more than 1.5 mm. Allow 18 hours curing of the finishing coat (subject to touch dry) before laying screed or tiling. Water test can be conducted after the same duration.

COVERAGE

Approx. 2 kg / m² in 2 coats

PACKAGING

5, 17.5 & 35 kg set.

STORAGE & SHELF LIFE

12 months in original packing.



BOSCOCEM SLURRY / BOSCOCEM SLURRY PREMIUM

Two Component Cementitious
Waterproofing Coating



DESCRIPTION

Boscocem Slurry / Boscocem Slurry Premium is a cement based two component alkali reactive polymer modified water-proofing coating, with a flexible component for crack bridging.

PRODUCT USES

Designed for external and internal waterproofing protection to :

- Water Tanks.
- Bathrooms, Balconies, Terraces.
- Swimming Pools, Pool decks.
- Water Features.
- Planter Boxes, Canopies, External Walls.

As waterproof underlayment to prevent seepage :

- Before laying marbles.
- Under timber floors.
- Underlayment for vinyl and carpets.
- Highly effective for positive side waterproofing against hydrostatic pressure.
- Also effective for waterproofing application on the negative side of structure as it is integrally bonded.

FEATURES & BENEFITS

- Ability to bridge cracks.
- Can be tiled over successfully.
- Protect concrete against carbonation and attack from pollutants.
- Ability to withstand heavy topping without fracture.
- Bonds well to damp surfaces.
- Compatible with most building materials.
- Can be painted over.
- Hard and abrasion resistant.

BONDS WELL TO

- Concrete
- Steel
- Aluminium
- Cement and sand backings
- Metal
- PVC pipes

PERFORMANCE PROPERTIES

Form	Grey Powder and Milky White Liquid
Binder	Cement
Extender	Selected fine silica
Resin	Acrylic Polymer
Adhesion to concrete	> 0.5 N / mm ²
Compressive strength ASTM C 109	20 N / mm ² - 7days 35 N / mm ² - 28 days
Water penetration @ 0.2kg / cm ² for 6 hours DIN 1048 : Part 5	No penetration
Water Vapour permeability ASTM E96:95	less than 10g per m ²
Pot life 20°C (mixed)	1 hour
Initial Set 20°C	3 hours
Final Set 20°C	4 - 6 hours

MIXING

Boscocem Slurry / Boscocem Slurry Premium is packed ready to use in 2 components. Always put the liquid component in a clean mixing container and slowly add the powder component whilst stirring. Mix on site using a slow speed mechanical mixer. Minimal amount of water may be added to ease application. Small amounts may be hand mixed separately.

RECOMMENDED COVERAGE

1. Ground moisture - 1.0 - 2.0 kg / m²
2. Hydrostatic pressure - 1.5 - 2.0 kg / m²
3. Hydrostatic pressure
(Negative side) - 2.0 - 3.0 kg / m²

PACKAGING

	Pack	Powder	Liquid
Boscocem Slurry	12.5 kg	10	2.5
	25 kg	20	5
Boscocem Slurry Premium	10 kg	7.5	2.5
	20 kg	15	5

Minimal water may be added to aid application on site.

STORAGE & SHELF LIFE

12 months in original packing.

BOSTIK CWP

Crystalline Waterproofing



DESCRIPTION

Bostik CWP is a surface applied, integral crystalline waterproofing material, which waterproofs and protects concrete in depth. It consists of Portland cement, specially treated quartz sand and a compound of active chemicals. Bostik CWP needs water only to be mixed prior to the application. When Bostik CWP is applied to a concrete surface the active chemicals combine with the free lime and moisture present in the capillary tracts of the concrete to form an insoluble, crystalline structure. These crystals fill the pores and minor shrinkage cracks in the concrete to prevent any further ingress, still allowing the concrete to breathe.

PRODUCT USES

BOSTIK CWP can be applied to all structurally sound concrete - new or old. It may be applied to either the positive or negative sides of the concrete face.

Typical areas of application are :

- Water tanks / towers
- Reservoirs / dams
- Swimming pools
- Water treatment works
- Canals & Harbours
- Basements / Foundations
- Tunnels
- Retaining walls
- Bridge decks etc.

FEATURES AND BENEFITS

- Becomes an integral part of the concrete, forming a complete body of strength and durability.
- Penetrates deeply and seals concrete's capillary tracts and shrinkage cracks.
- Can be applied from either positive or negative side.
- Completely effective against high hydrostatic pressure.
- Easy to apply, less labour and cost effective.
- Becomes an integral part of the substrate - cannot be removed easily.
- Back filling can be done without further protection like placement or steel or wire mesh.
- Can be used in the pH range of 3 - 11.
- Can be applied to moist or green concrete.
- Non toxic. Can be used for potable water applications.
- Water treatment works.
- Canals & Harbours.
- Basements / Foundations.

APPLICATION PROCEDURE

SURFACE PREPARATION: All concrete to be treated with Bostik CWP must be clean and have an "open" capillary

system. dirt, grease etc., should be removed by means of high pressure water jetting, wet sand blasting or wire brushing. Faulty concrete in the form of cracks, honey combing etc must be cleaned and then filled with a mortar of Bostik CWP. The surface should be pre wet with water before the application of Bostik CWP, taking care that the surface is damp and not wet.

MIXING

Bostik CWP is mechanically mixed with clean water to a creamy consistency. **Approximately mix 2 parts of water to 5 parts of Bostik CWP by volume.** Mix only a small quantity which can be used in 20 minutes and stir the mix frequently. In case the mixture thickens, stir it vigorously to bring back to consistency but do not add water.

APPLICATION

Slurry consistency : Apply Bostik CWP in one or two coats according to the specification / requirement by brush. When two coats are specified, apply the second coat while the first coat is still green.

Dry Powder consistency : (For horizontal surfaces) When the freshly laid concrete has set initially, required amount of Bostik CWP is sprinkled and troweled.

Post treatment : The treated areas should be kept damp for a period of five days and must be protected against direct sun, wind and frost, by covering with polythene sheets or otherwise.

RECOMMENDED COVERAGE

Water retaining structures : Internal concrete wall surfaces : Two coats of Bostik CWP at 0.65 - 0.8kg / sq.m or one coat at 1.3 - 1.6kg / sq. m applied with a brush.

Construction slab : Bostik CWP is applied at 1 kg / sq.m in one slurry coat to hardened concrete or dry sprinkled and trowel applied to fresh concrete when this has reached initial set.

Construction Joints : Bostik CWP is applied at 1.5 kg / sq.m in slurry or dry powder consistency immediately prior to placing the next lift / bay of concrete.

Binding concrete : Bostik CWP is applied at 1.5kg / sq.m in slurry or dry powder consistency immediately prior to placing the overlying concrete slab.

PACKAGING

Bostik CWP is packed in 30 kg bags.

STORAGE & SHELF LIFE

12 months in original packing.

MOISTURE SEAL

Epoxy Water Vapour Barrier



DESCRIPTION

Moisture Seal is a two component, high performance, water-based epoxy waterproof vapour barrier membrane to prevent water seepage and permeation from floors, walls, water tanks, reservoirs and water retaining structures.

RECOMMENDED USES

- As low vapour transmission barrier membrane prior to the application of Bostik Ultraset Timber Flooring Adhesive.
- As a low water vapour transmission barrier membrane coating in the building and construction industries and as a barrier coating over "green" freshly laid concrete.
- As a waterproofing membrane, to prevent water seepage or moisture penetration through to the interior of walls and floors.
- As a waterproof membrane, curing compound and barrier coating over freshly laid hardened (green) concrete either as a internal finish or prior to the application of conventional floor and wall coverings such as tile adhesives, carpets or conventional building paints.
- As a waterproofing vapour barrier in tanking applications and sealing over damp concrete surface either as an internal finish coating or prior to over coating with other coatings.
- A highly tolerant membrane / barrier to prevent water seepage or permeation for floors, walls, water storage tanks or reservoirs and swimming pools.
- Safe to use in sensitive locations (e.g. around food or habitable areas).
- May be used as a waterproof primer prior to the application of Ultraseal, Boscoseal PU, one and two part polyurethane sealants or cementitious floor screeds.

FEATURES AND BENEFITS

- Environment friendly.
- Easy clean - up using water.
- Cured membrane will withstand high levels of hydrostatic pressure upto 25 metre head of water or 250 Kpa.
- Can be applied to damp surfaces.
- Potable water approval.
- Can be safely applied to freshly laid hardened (green) concrete.
- Non-flammable, negligible odour and toxicity.
- Has excellent adhesion to most substrate including brick, masonry, concrete, block concrete, compressed fibreboard, stone and timber.
- Convenient equal part mixture ratio (by volume).
- Tested to ASTM E 96 for water vapour transmission.

PERFORMANCE PROPERTIES

Appearance	Brushable / Rollable / Sprayable uniform paste with a matt appearance
Colour	Grey, White
Finish	Matt
Mixing Ratio	1:1 (component A:B) by volume or 1:1 by weight (A:B)
Pot life	45 - 60 minutes @ 25°C
Re-coat time	2 hours @ 25°C & 50% RH
Water vapour Barrier performance	0.12g / 24 hrs / M ² mmHg @ 32°C and 50% RH
Application of Adhesive / coverings	24 hours @ 25°C and 50% RH
Full Cure	5 - 7 days at @ 25°C and 50% RH
Specific Gravity (mixed)	approx. 1.25 at @ 25°C and 50% RH
Dry film thickness	200 µm (microns)

COVERAGE

Apply by roller the first coat at 4-5 M² / litre. Second coat at 4 - 5 M² / litre. Coverage dependent on surface porosity and substrate conditions. Moisture Seal is designed to be applied in two coats to achieve an approximate dry film thickness of theoretically 200 µm (microns).

PACKAGING

ITEM NO	STOCK SIZE	COLOUR
BOSTIK MOISTURE SEAL		
263362	8 litre kit (10.25 kgs)	Grey
263370	20 litre kit (25.6 kgs)	Grey

STORAGE & SHELF LIFE

12 months in original packing.



MAGIC REPELLENT

Silicone Based Water Repellent



DESCRIPTION

Magic Repellent is an effective, sub-surface water, oil repellent in a solvent carrier. Upon penetration into mineral surfaces, it minimises liquids from being drawn into the pore structure by capillary action. It leaves little or no residue on absorbent stone surfaces and consequently is invisible and very natural in appearance.

PRODUCT USES

- Marble
- Slate
- Limestone
- Unglazed Porcelain Tile
- Granite
- Quartzite
- Quarry Tile

Note : Always test Magic Repellent in an inconspicuous area to ensure product satisfaction.

APPLICATION PROCEDURE

- All surfaces must be clean, dry and free from contaminants including waxes, coating and sealants.
- Apply Magic Repellent with brush or spray.
- Apply evenly, buff off excess.
- On very porous surfaces, allow Magic Repellent to penetrate deeply and apply a second coat in most cases.
- On polished surface, apply sparingly and buff off any excess with a soft cloth or white pad.
- Product may be sprayed in some situations (usually textured surfaces) by experienced users familiar with the working properties.

COVERAGE

Approximately 4 - 8 sqm / litre / coat, depends on porosity of the materials and method of application.

LIMITATION

The product is not suitable for use in areas with excessive hydrostatic pressure. Always test on your material first to determine possible color change and suitability for your situation. The product will compromise bonding of coating and adhesives and should not be combined with acrylic sealers.

CLEAN - UP

Clean all tools and equipment with mineral spirits or a similar solvent.

PACKAGING

1, 5, 20, 100 & 200 litres

STORAGE & SHELF LIFE

12 Months in original packing.





Our Authorized Distributors



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