



# Building Chemicals

**CHEMICAL ADMIXTURES FORMULATED  
FOR THE CONSTRUCTION INDUSTRY**





# Building Chemicals

Bostik build on over 200 years of experience supplying building chemical products to the construction industry. The range has been constantly refined and developed to ensure that Bostik offer the very best products designed for ease of use and optimum results.

The Bostik Building Chemicals range is comprehensive and manufactured to the highest quality standards. The products are practical, easy to use, effective and include:

- **Building adhesives, primers and sealers**
- **Chemical admixtures formulated to plasticise, waterproof, accelerate or retard**
- **Surface treatments that clean, restore and protect**
- **Cement colours for decorative effects**
- **With ease of selection for all products achieved via Clear product names and descriptions Colour coded packaging Informative illustrations**
- **Backed by strong marketing campaigns, ongoing development, in-depth technical and customer support**

BOSTIK HOTLINE

**Smart help +353 (1) 862 4998**





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For more information about products visit :

**[www.bostik.ie](http://www.bostik.ie)**



# PVA

## BUILDING ADHESIVE, PRIMER, ADMIXTURE & SEALER

Bostik PVA is ready to use and is suitable for a wide range of building jobs. It is not only an excellent adhesive, but also a highly effective primer, admixture, bonding agent and dustproofing agent. It is economical, suitable for interior use and dry service conditions.

- Improves adhesion and bond strength
- Excellent primer for most building surfaces
- For plastering, rendering, bonding, sealing and dustproofing



### USES

Bostik PVA is ready to use and is suitable for a wide range of building jobs. It is a highly effective primer, admixture, bonding agent, dustproofing agent and may also be used as an adhesive. It is economical, and suitable for interior use and dry service conditions. For damp or external situations EVO-FIX SBR is recommended.

Bostik PVA can be used as a primer to improve adhesion to porous or difficult surfaces prior to rendering, plastering, or screeding.

Bostik PVA can be used as an admixture to improve workability and adhesion of cement/sand mortars, renders, gypsum plasters, or screeds.

Bostik PVA can be used as a sealer to reduce dusting of concrete and plaster surfaces.

Bostik PVA bonds most building materials, provided one of the surfaces has a degree of porosity e.g. timber, plywood, blockboard, chipboard, fibreboard, expanded polystyrene, polyurethane foam, insulating board, brick, concrete, stone, and slate.

### DIRECTIONS FOR USE

IMPORTANT: Before using Bostik PVA refer to the relevant Health & Safety Data Sheet, available at [www.bostik.ie](http://www.bostik.ie).

### PREPARATION

Surfaces must be sound, dry, clean, and free from grease, dust or loose material.

Bostik PVA can be applied by brush, roller, spreader or from a squeezable plastic bottle.

Bonding work must be done when the adhesive is still wet or tacky, but when using as a primer Bostik PVA must be allowed to dry.



# PVA

## BUILDING ADHESIVE, PRIMER, ADMIXTURE & SEALER

### PRODUCT CHARACTERISTICS

<b>Colour</b>	White, dries clear	
<b>Form</b>	Liquid	
<b>Specific gravity</b>	1.05 approx.	
<b>Composition</b>	Polyvinyl Acetate Emulsion	
<b>Sizes</b>	5 Ltr	30812497
	25 Ltr	30812537

### TYPICAL PERFORMANCE DATA (Approx.)

<b>Application temperature</b>	+5°C to +30°C
<b>Coverage (undiluted)</b>	6 to 14m <sup>2</sup> per litre depending on application thickness
<b>Open time</b>	5 to 10 minutes approx. at 15°C depending on the substrates porosity
<b>Tack duration</b>	10 to 90 minutes at 15°C
<b>Bonding</b>	Maximum strength is attained in 24 hours.
<b>Priming</b>	Dries after approx. 1 hour.
<b>Drying times</b>	<b>Sealing Concrete Floors:</b> Usually 8 hours approx. before foot traffic is allowed. <b>Priming:</b> Dry after 1 hour approx. <b>Bonding:</b> Maximum bond strength after 24 hours approx.
<b>Cleaning</b>	Clean tools and equipment with water and detergent before Bostik PVA has dried.
<b>Storage/ shelf life</b>	Store and transport securely in an upright position. Ensure the cap is fully closed. Store for up to 24 months from date of manufacture when stored in original, unopened packaging under dry conditions within the temperature range of +5°C to +30°C and out of direct sunlight. Protect from frost.

## APPLICATION:

### Primer

**Porous Surfaces:** e.g. clay brick, sand-cement renders, cement sheet etc.

- Dilute 1 part Bostik PVA to 5 parts water by volume. Allow to dry.

**Highly Porous Surfaces:** e.g. old dry stock brick.

- Dilute 1 part Bostik PVA to 3 parts water by volume. Allow to dry.

**Damp Or Exterior Surfaces:**

- EVO-STIK Evo Fix SBR is recommended.

**Non-Porous Interior Surfaces:** e.g. engineering brick, glazed tiles and sound oil painted surfaces.

- Apply Bostik PVA undiluted.

### BONDING AGENT

**Cement Render:**

- Dry Porous Interior Surfaces: for rendering onto pre-cast concrete, brick and other backings of a highly porous nature.
- Prime and allow to dry as specified above.
- Bonding coat: Dilute 3 parts Bostik PVA to 1 part water by volume.
- Allow film to develop tack.
- Apply render in coats no greater than 10 mm thick to a maximum of 16 mm thickness.

**Non-Porous Interior Surfaces:**

- Apply undiluted Bostik PVA as a bonding coat; apply plaster while it is still wet or tacky.

**Damp or Exterior Surfaces:**

- EVO STIK Evo Fix SBR is recommended. Bostik PVA is not suitable.

**High Tensile Renders:**

- To improve resistance to structural movement add to gauging water in the ratio 1 part Bostik PVA to 10 parts water by volume.

### FLOOR TOPPINGS

**Sand/Cement Screeds:**

- Prime and allow to dry as specified above.
- Apply undiluted Bostik PVA.
- Allow tack to develop.
- Apply screed in normal way.

**Proprietary Composition Flooring, Terrazzo, Granolithic And Other Rich Mixtures:**

- Prime and allow to dry as specified above.
- Apply undiluted Bostik PVA.
- Allow tack to develop.
- Apply screed in normal way.

**Continuous Sand Cement Screeds/Polymer Modified Screeds:**

- Prime and allow to dry as specified above.
- Apply undiluted Bostik PVA.
- Allow tack to develop then apply screed with 1: 3 cement/sand mix with Bostik PVA and water. The proportion of Bostik PVA must be 5 litres PVA to 25 kg cement.
- Always dilute Bostik PVA with gauging water and gauge to a soft crumble. Keep mix as dry as possible, excess water may cause cracking.
- The screed should not exceed 12.5 mm, but can be taken to a thin edge, depending on the sand grading.
- Allow screed to cure for at least 72 hours.



## CEMENT PATCHING

- Prime and allow to dry as specified above.
- Apply undiluted Bostik PVA and allow tack to develop.
- Patch with a rich cement/sand mix gauged with diluted Bostik PVA in the ratio 1 part PVA to 8 parts water by volume.
- Cover and cure for at least 72 hours.

## PLASTERING

**To Bond New Plaster to Porous Surfaces:** (old plaster, concrete etc.)

- Prime the surface with 1 part Bostik PVA to 5 parts water. When dry coat the surface with a mixture of 3 parts Bostik PVA to 1 part water and while still wet or tacky apply the plaster.
- To Bond New Plaster to Non-Porous Surfaces i.e. glazed tiles.
- Apply an undiluted coat of Bostik PVA and while still wet or tacky apply the plaster.

## SEALER

**Cement Based Paints:** To Improve Paint Adhesion:

- Dilute Bostik PVA with an equal volume of water.
- Brush into surface, ensuring no excess remains to form a film.
- Bostik PVA is not suitable for other types of paint, e.g. gloss or emulsion.

**Dust Sealer:** e.g. concrete, composite and terrazzo flooring:

- Dilute 1 part Bostik PVA to 5 parts water by volume.
- Apply 1 or 2 coats to floor.

## ADHESIVE

**To bond all types of wood under dry conditions:**

- Apply a mixture of 5 parts Bostik PVA to 1 part water to each surface and clamp together.

**For close fitting joints:**

- Coat only one surface. Under normal conditions joints can be handled carefully after 1 hour although setting times may vary with porosity and atmospheric conditions.
- To obtain a longer open time (above method is usually 10 minutes), prime with a mixture of 1 part Bostik PVA to 5 parts water. When dry apply adhesive coat.





# SUPER EVO BOND PVA

## BUILDING ADHESIVE, PRIMER, ADMIXTURE & SEALER

EVO STIK SUPER EVO BOND PVA is ready to use and is suitable for a wide range of building jobs. It is not only an excellent adhesive, but also a highly effective primer, admixture, bonding agent and dustproofing. It is economical, suitable for interior use and dry service conditions.

- Improves adhesion and bond strength
- Excellent primer for most building surfaces
- For plastering, rendering, bonding, sealing and dustproofing



### USES

EVO STIK SUPER EVO BOND PVA is ready to use and is suitable for a wide range of building jobs. It is a highly effective primer, admixture, bonding agent, dustproofing and may also be used as an adhesive. It is economical, and suitable for interior use and dry service conditions. For damp or external situations EVO-FIX SBR is recommended.

EVO STIK SUPER EVO BOND PVA can be used as a primer to improve adhesion to porous or difficult surfaces prior to rendering, plastering, or screeding.

EVO STIK SUPER EVO BOND PVA can be used as an admixture to improve workability and adhesion of cement/sand mortars, renders, gypsum plasters, or screeds.

EVO STIK SUPER EVO BOND PVA can be used as a sealer to reduce dusting of concrete and plaster surfaces.

EVO STIK SUPER EVO BOND PVA bonds most building materials, provided one of the surfaces has a degree of porosity e.g. timber, plywood, blockboard, chipboard, fibreboard, expanded polystyrene, polyurethane foam, insulating board, brick, concrete, stone, and slate.

### DIRECTIONS FOR USE

IMPORTANT: Before using EVO STIK SUPER EVO BOND PVA refer to the relevant Health & Safety Data Sheet, available at [www.bostik.ie](http://www.bostik.ie).

### PREPARATION

EVO STIK SUPER EVO BOND PVA can be applied by brush, roller, spreader or from a squeezable plastic bottle.

Surfaces must be sound, dry, clean, and free from grease, dust or loose material.





# SUPER EVO BOND PVA

## BUILDING ADHESIVE, PRIMER, ADMIXTURE & SEALER

### PRODUCT CHARACTERISTICS

<b>Colour</b>	White, dries clear	
<b>Form</b>	Liquid	
<b>Specific gravity</b>	1.05 approx.	
<b>Composition</b>	Polyvinyl Acetate Emulsion	
<b>Sizes</b>	500ml	30811823
	1 Ltr	30811828
	2.5 Ltr	30811829
	5 Ltr	30811830

### TYPICAL PERFORMANCE DATA (Approx.)

<b>Application temperature</b>	+5°C to +30°C
<b>Coverage (undiluted)</b>	6 to 14m <sup>2</sup> per litre depending on application thickness
<b>Open time</b>	5 to 10 minutes approx. at 15°C depending on the substrates porosity
<b>Tack duration</b>	10 to 90 minutes at 15°C
<b>Bonding</b>	Maximum strength is attained in 24 hours.
<b>Priming</b>	Dries after approx. 1 hour.
<b>Drying times</b>	<b>Sealing Concrete Floors:</b> Usually 8 hours approx. before foot traffic is allowed. <b>Priming:</b> Dry after 1 hour approx. <b>Bonding:</b> Maximum bond strength after 24 hours approx.
<b>Cleaning</b>	Clean tools and equipment with water and detergent before Evo Stik Evo Bond PVA has dried.
<b>Storage/ shelf life</b>	Store and transport securely in an upright position. Ensure the cap is fully closed. Store for up to 24 months from date of manufacture when stored in original, unopened packaging under dry conditions within the temperature range of +5°C to +30°C and out of direct sunlight. Protect from frost.

## APPLICATION:

### Primer

**Porous Surfaces:** e.g. clay brick, sand-cement renders, cement sheet etc.

- Dilute 1 part Evo Stik Evo Bond PVA to 5 parts water by volume. Allow to dry.

**Highly Porous Surfaces:** e.g. old dry stock brick.

- Dilute 1 part Evo Bond PVA to 3 parts water by volume. Allow to dry.

**Damp Or Exterior Surfaces:**

- EVO-STIK Evo Fix SBR is recommended.

**Non-Porous Interior Surfaces:** e.g. engineering brick, glazed tiles and sound oil painted surfaces.

- Apply Evo Bond PVA undiluted.

### BONDING AGENT

**Cement Render:**

- Dry Porous Interior Surfaces: for rendering onto pre-cast concrete, brick and other backings of a highly porous nature.
- Prime and allow to dry as specified above.
- Bonding coat: Dilute 3 parts Evo Bond PVA to 1 part water by volume.
- Allow film to develop tack.
- Apply render in coats no greater than 10 mm thick to a maximum of 16 mm thickness.

**Non-Porous Interior Surfaces:**

- Apply undiluted Evo Bond PVA as a bonding coat; apply plaster while it is still wet or tacky.

**Damp or Exterior Surfaces:**

- EVO STIK Evo Fix SBR is recommended. Evo Bond PVA is not suitable.

**High Tensile Renders:**

- To improve resistance to structural movement add to gauging water in the ratio 1 part Evo Bond PVA to 10 parts water by volume.

### FLOOR TOPPINGS

**Sand/Cement Screeds:**

- Prime and allow to dry as specified above.
- Apply undiluted Evo Bond PVA.
- Allow tack to develop.
- Apply screed in normal way.

**Proprietary Composition Flooring, Terrazzo, Granolithic And Other Rich Mixtures:**

- Prime and allow to dry as specified above.
- Apply undiluted Evo Bond PVA.
- Allow tack to develop.
- Apply screed in normal way.

**Continuous Sand Cement Screeds/Polymer Modified Screeds:**

- Prime and allow to dry as specified above.
- Apply undiluted Evo Bond PVA.
- Allow tack to develop then apply screed with 1: 3 cement/sand mix with Evo Bond PVA and water. The proportion of Evo Bond PVA must be 5 litres PVA to 25 kg cement.
- Always dilute Evo Bond PVA with gauging water and gauge to a soft crumble. Keep mix as dry as possible, excess water may cause cracking.
- The screed should not exceed 12.5 mm, but can be taken to a thin edge, depending on the sand grading.
- Allow screed to cure for at least 72 hours.

## CEMENT PATCHING

- Prime and allow to dry as specified above.
- Apply undiluted Evo Bond PVA and allow tack to develop.
- Patch with a rich cement/sand mix gauged with diluted Evo Bond PVA in the ratio 1 part PVA to 8 parts water by volume.
- Cover and cure for at least 72 hours.

## PLASTERING

**To Bond New Plaster to Porous Surfaces:** (old plaster, concrete etc.)

- Prime the surface with 1 part Evo Bond PVA to 5 parts water. When dry coat the surface with a mixture of 3 parts Evo Bond PVA to 1 part water and while still wet or tacky apply the plaster.
- To Bond New Plaster to Non-Porous Surfaces i.e. glazed tiles.
- Apply an undiluted coat of Evo Bond PVA and while still wet or tacky apply the plaster.

## SEALER

**Cement Based Paints:** To Improve Paint Adhesion:

- Dilute Evo Bond PVA with an equal volume of water.
- Brush into surface, ensuring no excess remains to form a film.
- Evo Bond PVA is not suitable for other types of paint, e.g. gloss or emulsion.

**Dust Sealer:** e.g. concrete, composite and terrazzo flooring:

- Dilute 1 part Evo Bond PVA to 5 parts water by volume.
- Apply 1 or 2 coats to floor.

## ADHESIVE

**To bond all types of wood under dry conditions:**

- Apply a mixture of 5 parts Evo Bond PVA to 1 part water to each surface and clamp together.

**For close fitting joints:**

- Coat only one surface. Under normal conditions joints can be handled carefully after 1 hour although setting times may vary with porosity and atmospheric conditions.
- To obtain a longer open time (above method is usually 10 minutes), prime with a mixture of 1 part Evo Bond PVA to 5 parts water. When dry apply adhesive coat.





# EVO-FIX SBR

## STRENGTHENS & WATERPROOFS CONCRETE & MORTAR

EVO-FIX SBR is a specially modified Styrene Butadiene Co-polymer Latex for cement and mortar. It toughens, waterproofs and improves chemical and abrasion resistance of concrete and mortar, renders and screeds. It is an excellent all round primer and bonding agent.

- **Toughens floors & screeds.**
- **Superior water, chemical and abrasion resistance.**
- **For waterproof rendering, flooring, tanking, bedding, pointing etc.**



### USES

Improves adhesion, flexibility and reduces cracking in pointing, patching, bedding and bonding slurries. Toughens floor toppings and screeds. Waterproofs rendering, tanking and flooring. Improves bonding plaster and suction control. Waterproofs external renders above ground. Improves frost, water, chemical and abrasion resistance.

It is recommended for use in effluent tanks, dairies, food factories, fertiliser stores and other demanding situations. Evo Fix SBR is an excellent all round primer and bonding admixture.

This product has been designed to work with Portland cement: CEM I and Portland-fly ash cement: CEM II/B-V. For other types of cement e.g. Portland-limestone CEM II / A-LL it is recommended that a small trial is carried out to ascertain the optimum mix ratios as these cement types and sand can vary.

### DIRECTIONS FOR USE

**IMPORTANT:** Before using Evo Fix SBR refer to the relevant Health & Safety Data Sheet, available at [www.bostik.ie](http://www.bostik.ie).

### PREPARATION

Wear gloves and suitable eye/face protection. Surfaces must be sound, dry, clean, and free from grease, dust or loose material.

Key surface by scabbling, vacuum grit blasting or planing.

Ensure the working temperature is above 5°C

For all applications, dampen porous surfaces before applying the appropriate EVO-FIX SBR Bonding Slurry,

Sands must be well graded, clean and meet appropriate Standards.



# EVO-FIX SBR

## STRENGTHENS & WATERPROOFS CONCRETE & MORTAR

### PRODUCT CHARACTERISTICS

<b>Colour</b>	Milky white
<b>Form</b>	Liquid
<b>Specific gravity</b>	1.0 approx.
<b>Composition</b>	Modifies styrene butadiene co-polymer latex
<b>Sizes</b>	5 Ltr 30812586

### TYPICAL PERFORMANCE DATA (Approx.)

<b>Application temperature</b>	+5°C to +25°C
<b>Coverage (undiluted)</b>	6m <sup>2</sup> to 10m <sup>2</sup> per litre dependent on application thickness.
<b>Open time</b>	5 to 10 minutes approx. at 15°C depending on the substrates porosity
<b>Tack duration</b>	10 to 90 minutes at 15°C
<b>Bonding</b>	Maximum strength is attained in 24 hours.
<b>Priming</b>	Dries after approx. 1 hour.
<b>Drying times</b>	<b>Sealing Concrete Floors:</b> Usually 8 hours approx. before foot traffic is allowed. <b>Priming:</b> Dry after 1 hour approx. <b>Bonding:</b> Maximum bond strength after 24 hours approx. Dependent on ambient conditions.
<b>Cleaning</b>	Clean tools and equipment with water immediately after use.
<b>Storage/ shelf life</b>	Store for up to 2 years from date of manufacture when stored in original unopened containers in a cool, dry place within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost. Store and transport securely in an upright position. Ensure the cap is fully closed.

**APPLICATION:**

Please note that the following recommendations are for guidance only and do not constitute a specification.

- In all cases refer to product data sheet

**BONDING SLURRY (PARTS BY VOLUME)**

- Mix one part EVO-FIX SBR to two parts Ordinary Portland Cement.
- Add water as required.
- Coverage approx. 4m<sup>2</sup> per litre.

**FLOOR TOPPINGS AND SCREEDS**

Mix and apply the following mix designs dependent on the thickness required.

**For thickness <12mm.**

- By weight:  
25kg cement / 62.5kg sand / 5L EVO-FIX SBR / 5L water.
- By volume:  
1 part cement / 2 parts sand / SBR to Water 1:1

**For thickness >12mm.**

- By weight:  
25kg cement / 75kg sand / 5L EVO-FIX SBR / 5L water.
- By volume:  
1 part cement / 2.5 parts sand / SBR to Water 1:1

5 litres of water is recommended for dry sand mixes. If sharp, washed sand is wet, reduce the water quantity accordingly.

Keep mix just wet enough to obtain good compaction. Finish quickly with a steel trowel.

**EXTERNAL WATERPROOF RENDERS ABOVE GROUND**

- Apply bonding slurry, stipple to provide a key and allow to dry.
- Apply a second bonding slurry coat at right angles to the first and stipple to provide a key.
- Apply the render mix while the slurry coat is still tacky.

**Render mix:**

- By weight:  
25kg cement / 75kg sand / 5L EVO-FIX SBR / 5L water.
- By volume:  
1 part cement / 2.5 parts sand / SBR to Water 1:1

5 litres of water is recommended for dry sand mixes. If sharp, washed sand is wet, reduce the water quantity accordingly.

Apply 2mm to 6mm render coats allowing no more than 8 hours between coats. If more than 8 hours has elapsed between coats apply another bonding slurry coat.

Prevent from drying during the first 48 hours by covering with polythene or mist spraying with water when initially firm.

**CONCRETE REPAIR**

- If steel reinforcement is exposed, wire brush or grit blast to remove rust and scale.
- Prime exposed steel using a bonding slurry and allow to dry.
- Dampen surrounding concrete.



- Apply another bonding slurry coat to the entire area, (including the previously coated steel reinforcement) to be repaired.
- While the bonding slurry coat is still wet, apply the following mix.
- By weight:  
25kg cement / 62.5kg sand / 7.5L EVO-FIX SBR / 2.5L water.
- By volume:  
1 part cement / 2 parts sand / SBR to Water 3:1

2.5 litres of water is recommended for dry sand mixes. If sharp, washed sand is wet, reduce the water quantity accordingly.

#### POINTING

- Apply a bonding slurry coat into the joints.
- Point joints with the mix detailed above whilst the bonding slurry coat is still wet.
- Prime small areas at a time to avoid the bonding slurry coat from drying out before the pointing is completed

#### SUCTION CONTROL

- Mix 1 part EVO-FIX SBR to 4 parts water.
- Brush on to surface and allow to dry.





# MORTAR PLASTICISER

## SMOOTH, EASY TO WORK MORTAR

Bostik Mortar Plasticiser improves the workability of mortars without the addition of lime. It helps remove grittiness to provide a smooth mortar with improved adhesion. It also reduces the water content of the mortar. It is not suitable for structural concrete.

- Improves workability and durability.
- Minimises cracking and crazing.
- Complies with EN934-3.



### USES

Bostik Mortar Plasticiser is a blend of modified lignin-based, surface-active agents free from chlorides. It improves the workability of mortar without the addition of lime. It helps reduce grittiness to provide a smooth easy to work mortar with improved durability and protection against frost. It also reduces the water content of the mortar. Bostik Mortar Plasticiser is suitable for use to improve mortars for applications such as; bricklaying, blockwork, and rendering.

**Important:** Do not use in concrete which is structural i.e.

load bearing, reinforced, pre-stressed or steam cured. Work should not be carried out at temperatures below +5°C or when temperatures are expected to fall below this. Ensure materials and procedures comply with the appropriate EU Standards. Do not exceed ratios stated. Do not overmix. Do not use with other admixtures. Do not add to lime based mixes. Do not use with high alumina, sulphate resisting or extra rapid hardening cement. Not suitable for floor screeds.

### DIRECTIONS FOR USE

IMPORTANT: Before using Bostik Mortar Plasticiser refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://www.bostik.co.uk).

### APPLICATION

- Shake well before use.
- Add direct to dry mix in the ratio 85 to 90ml to 25 kg cement. When using Bostik Mortar Plasticiser 10 to 15% less water is usually required.



# MORTAR PLASTICISER

## SMOOTH, EASY TO WORK MORTAR

### PRODUCT CHARACTERISTICS

<b>Colour</b>	Dark brown	
<b>Form</b>	Thin liquid	
<b>Specific gravity</b>	1.0 approx.	
<b>Composition</b>	Aqueous solution of modified, lignin-based, surface-active agents	
<b>Sizes</b>	5 Ltr	30812466

### TYPICAL PERFORMANCE DATA (Approx.)

<b>Coverage</b>	Plasticises 1.1 – 1.16 mixes per litre based upon 25kg of cement.
<b>Cleaning</b>	Clean tools and equipment with water immediately after use.
<b>Storage/ shelf life</b>	Store for up to 12 months from date of manufacture when stored in original unopened containers in a cool, dry place within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost. Store and transport securely in an upright position. Ensure the cap is fully closed.

### MIX RATIOS

<b>Added to dry mix</b>	60-125 ml per 25 kg cement.
<b>Added to gauging water</b>	250-500 ml per 20 litres water.

### MIX DESIGNS

Application	Sand	Cement	Mortar Plasticiser
Bricklaying	6 - 8 parts BUILDING	1 part	ADDED DIRECT TO MIX 85 - 90ml per 25kg cement
Wall Rendering	4 - 6 parts SHARP	1 part	
Bedding	4 - 6 parts BUILDING	1 part	
Pointing	3 parts BUILDING	1 part	
Rough Cast	4 - 5 parts SHARP	1 part	



# CONCENTRATED MORTAR PLASTICISER

## CONCENTRATED FOR PERFECT MORTAR

Bostik Concentrated Mortar Plasticiser is highly concentrated, based upon natural vinsol resin and free from chlorides. It is designed to improve plasticity and to provide some frost resistance in the set mortar. The integral measuring chamber means accurate, controlled dosage and better mortar. Bostik Concentrated Mortar Plasticiser conforms to EN 934-3.

- **Vinsol resin based formula.**
- **Measuring chamber for accurate dose.**
- **Complies with EN934-3.**
- **Enough for 125 bags of cement.**



### USES

Bostik Concentrated Mortar Plasticiser improves the workability and freeze thaw resistance of mortar without the addition of lime. It also reduces the water content of the mortar. Suitable for use with: bricklaying and pointing, blockwork, rendering, and backing coats.

**Important:** Do not use in concrete which is structural i.e load bearing, reinforced, pre-stressed or steam cured. Work should not be carried out at temperatures below +5°C or when temperatures are expected to fall below this. Ensure materials and procedures comply with the appropriate EU Standards. Do not exceed ratios stated. Do not overmix. Do not use with other admixtures. Do not add to lime based mixes. Do not use with high alumina, sulphate resisting or extra rapid hardening cement. Not suitable for floor screeds.

### DIRECTIONS FOR USE

**IMPORTANT:** Before using Bostik Concentrated Mortar Plasticiser refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://www.bostik.co.uk).



# CONCENTRATED MORTAR PLASTICISER

## CONCENTRATED FOR PERFECT MORTAR

### PRODUCT CHARACTERISTICS

<b>Colour</b>	Dark brown
<b>Form</b>	Thin liquid
<b>Specific gravity</b>	1.0 approx.
<b>Composition</b>	Concentrated vinsol resin solution
<b>Sizes</b>	1 Ltr 30806663

### TYPICAL PERFORMANCE DATA (Approx.)

<b>Coverage</b>	A litre bottle is sufficient to plasticise 85 to 125 mixes based upon 25kg of cement
<b>Cleaning</b>	Clean tools and equipment with water immediately after use.
<b>Storage/shelf life</b>	Store for up to 1 year from date of manufacture when stored in original unopened containers in a cool, dry place within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost. Store and transport securely in a upright position. Ensure the cap is fully closed.
<b>Mix ratios</b>	8ml to 12ml per 25kg of cement is recommended for most uses. Do not overdose.

### APPLICATION

- Ensure that all components of the mix are above 5°C.
- Sands and aggregate should be dry for best results.
- Shake the container before use and remove the lid on the cup on the top of the bottle.
- Squeeze the bottle gently until the plasticiser has reached the required level.
- Add to the mix or to the gauging water and mix to ensure good dispersal and to obtain the mortar consistency required.
- Add this solution to the sand/cement mix to obtain the mortar consistency required.
- When using Bostik Concentrated Mortar Plasticiser less water is usually required.



# E.M.P MORTAR PLASTICISER

## SMOOTH, EASY TO WORK MORTAR

Evo-Stik E.M.P Mortar Plasticiser improves the workability of mortars without the addition of lime. It helps remove grittiness to provide a smooth mortar with improved adhesion. It also reduces the water content of the mortar. It is not suitable for structural concrete.

- **Improves workability and durability.**
- **Minimises cracking and crazing.**
- **Complies with EN934-3.**



### USES

Evo-Stik E.M.P Mortar Plasticiser is a blend of modified lignin-based, surface-active agents free from chlorides. It improves the workability of mortar without the addition of lime. It helps reduce grittiness to provide a smooth easy to work mortar with improved durability and protection against frost. It also reduces the water content of the mortar. Evo-Stik E.M.P Mortar Plasticiser is suitable for use to improve mortars for applications such as; bricklaying, blockwork, and rendering.

**Important:** Do not use in concrete which is structural i.e.

load bearing, reinforced, pre-stressed or steam cured. Work should not be carried out at temperatures below +5°C or when temperatures are expected to fall below this. Ensure materials and procedures comply with the appropriate EU Standards. Do not exceed ratios stated. Do not overmix. Do not use with other admixtures. Do not add to lime based mixes. Do not use with high alumina, sulphate resisting or extra rapid hardening cement. Not suitable for floor screeds.

### DIRECTIONS FOR USE

**IMPORTANT:** Before using Evo-Stik E.M.P Mortar Plasticiser refer to the relevant Health & Safety Data Sheet, available at [www.bostik.ie](http://www.bostik.ie).

### APPLICATION

- Shake well before use.
- Add direct to dry mix in the ratio 85 to 90ml to 25 kg cement. When using Evo Stik E.M.P Mortar Plasticiser 10 to 15% less water is usually required.





# E.M.P MORTAR PLASTICISER

## SMOOTH, EASY TO WORK MORTAR

### PRODUCT CHARACTERISTICS

<b>Colour</b>	Dark brown		
<b>Form</b>	Thin liquid		
<b>Specific gravity</b>	1.0 approx.		
<b>Composition</b>	Aqueous solution of modified, lignin-based, surface-active agents		
<b>Sizes</b>	5 Ltr	30812582	
	25 Ltr	30812581	

### TYPICAL PERFORMANCE DATA (Approx.)

<b>Coverage</b>	Plasticises 1.1 – 1.16 mixes per litre based upon 25kg of cement.
<b>Cleaning</b>	Clean tools and equipment with water immediately after use.
<b>Storage/ shelf life</b>	Store for up to 12 months from date of manufacture when stored in original unopened containers in a cool, dry place within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost. Store and transport securely in an upright position. Ensure the cap is fully closed.

### MIX RATIOS

<b>Added to dry mix</b>	60-125 ml per 25 kg cement.
<b>Added to gauging water</b>	250-500 ml per 20 litres water.

### MIX DESIGNS

<b>Application</b>	<b>Sand</b>	<b>Cement</b>	<b>Mortar Plasticiser</b>
Bricklaying	6 – 8 parts BUILDING	1 part	ADDED DIRECT TO MIX 85 – 90ml per 25kg cement
Wall Rendering	4 – 6 parts SHARP	1 part	
Bedding	4 – 6 parts BUILDING	1 part	
Pointing	3 parts BUILDING	1 part	
Rough Cast	4 – 5 parts SHARP	1 part	



# EVOPLAST

## PREVENTS WATER PENETRATION OF MORTAR

EVO-STIK EVOPLAST is a concentrated chloride-free additive for cement. It is water repellent to reduce penetration, but also water retentive to aid curing and ensure maximum strength. It protects against wet and damp conditions, without inhibiting vapour transmission.

- **Waterproofer and plasticiser.**
- **Ideal for renders.**
- **Complies with EN934-3.**



### USES

EVO-STIK EVOPLAST helps reduce efflorescence and lime bloom by restricting moisture movement. It aids the reduction of crazing in rich mixtures by controlling the rate of evaporation. Evo Stik EVOPLAST is chloride-free and has no corrosive effect on reinforcement. It may be used in any situation where it is necessary to construct cement based sections resistant to external water pressure, or to contain water in an enclosure. It Waterproofs and plasticises mortar for retaining walls, external or basement renderings, floor and roof screeds, tanks and to kill suction in backing coats.

**Important:** Do not use in concrete which is structural i.e. loadbearing, reinforced, pre-stressed or contains embedded metals. Work should not be carried out at temperatures below +5°C or when temperatures are expected to fall below this. Ensure materials and procedures comply with the appropriate Standards. Do not exceed ratios stated. Do not overmix. When rendering protect render from drying too quickly. Do not use with other admixtures. Do not add to lime based mixes. Do not use with high alumina, sulphate resisting or extra rapid hardening cement. This product is not vapour proof, therefore structures must incorporate a suitable damp-proof membrane. Not suitable for floor screeds.



# EVOPLAST

## PREVENTS WATER PENETRATION OF MORTAR

### PRODUCT CHARACTERISTICS

<b>Colour</b>	Green	
<b>Form</b>	Viscous Liquid	
<b>Composition</b>	Viscous liquid of mixed fatty acids and Potassium Hydroxide (less than 2%).	
<b>Application temperatures</b>	+5°C to +25°C	
<b>Cleaning</b>	Clean tools and equipment with water immediately after use.	
<b>Storage/ shelf life</b>	Store for up to 15 months from date of manufacture when stored in original unopened containers in a cool, dry place within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost. Store and transport securely in an upright position. Ensure the cap is fully closed	
<b>Sizes</b>	5 Ltr	30812584
	25 Ltr	30812583

### MIX RATIOS

<b>Mix A</b> <b>Rendering, Concreting,</b> <b>Tanks etc.</b>	250 ml Evo Stik EVOPLAST to 25 kg cement.
<b>Mix B</b> <b>Screeds</b>	1 part Evo Stik EVOPLAST to 30 parts water.

The sand should conform to BS 882 : 1992 : Type M (flooring sand). Waterproof Rendering Mixes (adapted from BS 5262 : 1991)

### DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK EVOPLAST refer to the relevant Health & Safety Data Sheet, available at [www.bostik.ie](http://www.bostik.ie).

### PREPARATION

- Follow appropriate Standard Codes of Practice.
- Render to new brickwork, leave with raked mortar joints to form a key.
- Render to old brickwork, rake out old concrete or render, remove old plaster or decoration. Make good and ensure backing is sound and free from laitence, dust, grease, oil or damp.
- Stabilise porous surfaces, bonding primer first coat of 1 part EVO-FIX SBR mixed with 2 parts cement. Mix to a smooth consistency and brush vigorously into surface.
- Allow to harden (min. 16 hours, max. 72 hours). Bonding primer second coat of 1 part EVO-FIX SBR, 1 part water and 5 parts cement and apply render while this coat is still tacky/wet.



# EVOSET

## FROSTPROOFER AND RAPID HARDENER

EVO STIK EVOSET frostproofers and rapid hardeners are designed to accelerate setting of mortar and concrete and aid the attainment of high early strength. It improves workability, adhesion and strength. As it is chloride-free it is ideal for mortars with embedded metal. EVO STIK EVOSET causes concrete to have a higher ultimate strength after application.

NB - Not suitable for use with plasters or renders.

- **Ideal for sub-zero temperatures.**



### USES

EVO STIK EVOSET Frostproofers are designed for use where calcium chloride accelerators are not permitted and is ideal for bricklaying, blockwork etc. Where temperatures may fall below zero and in mortar where embedded metal is used. EVO STIK EVOSET Frostproofers plasticise the mix to improve the workability and frost resistance making it suitable for mortars and non-structural concrete.

**Important:** Do not use in concrete which is structural i.e. loadbearing, reinforced, pre-stressed or steam cured. Ensure materials and procedures comply with the appropriate Standards. Do not exceed ratios stated. Do not overmix. Do not use with other admixtures. Do not add to lime based mixes. Do not use with high alumina, sulphate resisting or extra rapid hardening cement. Not suitable for floor screeds.

### DIRECTIONS FOR USE

**IMPORTANT:** Before using EVO STIK EVOSET frostproofers and rapid hardeners refer to the relevant Health & Safety Data Sheet, available at [www.bostik.ie](http://www.bostik.ie).



# EVOSET

## FROSTPROOFER AND RAPID HARDENER

### PRODUCT CHARACTERISTICS

<b>Colour</b>	Orange
<b>Form</b>	Thin liquid
<b>Specific gravity</b>	1.1 approx.
<b>Sizes</b>	5 Ltr 30812585

### TYPICAL PERFORMANCE DATA (Approx.)

<b>Mix ratios</b>	<b>Ambient temperature down to -40C.</b> 1.25 litres per 25 kg cement. <b>Ambient temperature down to -80C.</b> 2.5 litres per 25 kg cement.
<b>Cleaning</b>	Clean tools and equipment with water immediately after use.
<b>Storage/ shelf life</b>	Store for up to 2 years from date of manufacture when stored in original unopened containers in a cool, dry place within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost. Store and transport securely in an upright position. Ensure the cap is fully closed.

### APPLICATION

- Ensure that all components of the mix are above 5°C.
- Add to gauging water at the appropriate dosage. Reduce gauging water accordingly.
- Ensure sand for mortar complies with the appropriate EU Standard.
- All materials must be free from ice and the temperature of the mix prior to placing should not be below +4°C.
- Keep the mortar above freezing point until minimum strength is attained by covering with a plastic sheet.



# RAPID HARDENER & PLUGGER

## ACCELERATES THE SETTING OF CONCRETE & MORTAR

Bostik Rapid Hardener & Plugger is formulated to accelerate the setting of cement mixes. It is also ideal for plugging pressure leaks quickly and efficiently. Suitable for use with cement and concrete mixes, precast concrete, dense heavy duty renderings, flooring and plugging pressure leaks.

- **Accelerates setting time of concrete mixes.**
- **Ideal for screeds and flooring.**
- **Plug pressure leaks fast.**



### USES

Bostik Rapid Hardener & Plugger is based on calcium chloride and surface active materials. It is formulated to accelerate the setting time of cementitious mixes and to aid the attainment of high early strength in concrete and mortar mixes. It is suitable for use with cement and concrete mixes, precast concrete, dense heavy duty renderings and plugging pressure leaks.

**Important:** Calcium chloride based product. Do not use in mortar or concrete which is structural, loadbearing, reinforced, pre-stressed, steam cured or contains embedded metals e.g. steel reinforcement, metal wall ties, galvanised lintels etc. Ensure materials and procedures comply with the appropriate British Standards. Do not exceed ratios stated. Do not overmix. Do not use with other admixtures. Do not add to lime based mixes. Do not use with high alumina, sulphate resisting or extra rapid hardening cement.

### DIRECTIONS FOR USE

**IMPORTANT:** Before using Bostik Rapid Hardener & Plugger refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://www.bostik.co.uk).

- Add to gauging water. Do not add directly to cement as this will cause a flash set.
- For best results use fresh cement. All materials must be free from ice and the temperature of the mix prior to placing should not be below +4°C. Keep the worked area above freezing point until minimum strength is attained by covering with a plastic sheet.
- To plug leaks, gauge fresh ordinary Portland cement with undiluted Rapid Hardener & Plugger to make a putty-like plug. Force plug into prepared area working quickly, as it will set in under 5 minutes.





# RAPID HARDENER & PLUGGER

## ACCELERATES THE SETTING OF CONCRETE & MORTAR

### PRODUCT CHARACTERISTICS

<b>Colour</b>	Transparent brown
<b>Form</b>	Thin aqueous liquid
<b>Specific gravity</b>	1.1 approx.
<b>Composition</b>	Calcium chloride solution
<b>Cleaning</b>	Clean tools and equipment with water immediately after use.
<b>Storage/ shelf life</b>	Store for up to 2 years from date of manufacture when stored in original unopened containers in a cool, dry place within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost. Store and transport securely in an upright position. Ensure the cap is fully closed.
<b>Sizes</b>	5 Ltr 30605862

### RAPID HARDENING GUIDE

Use	Mix OPC: Sand: Aggregate	Rapid Hardener & Plugger (in litres) to:		Hardening time at +20°C
		25kg cement	per m2 of mix	
Pressure leak sealing	Fresh OPC	-	-	2 mins
Concrete	1:2:4 1:2:4	1.2L 2.5L	11L 22.5L	7 hours 2.5 hours
Floor screeds	1:3:0 1:3:0	1.2L 2.5L	18L 36L	6 hours 2 hours

### COLD WEATHER WORKING GUIDE

Use	Mix OPC: Sand: Aggregate	Addition ratio to		Frost protection
		water	25kg cement	
Floor screeds	1:3:0	1:8 1:4	1.2L 2.5L	-4°C -8°C
Concrete	1:2:4	1:10 2:5	1.2L 2.5L	-4°C -8°C



# DUSTPROOFER & HARDENER

## HARDENS & DUSTPROOFS CONCRETE FLOORS

Bostik Dustproofer & Hardener is a colourless, viscous liquid based on Sodium Silicate that is formulated for hardening and dustproofing old or new concrete floors. It penetrates the surface and combines with the hydrated cement to give long lasting protection.

- **Improves resistance to oil, chemicals and abrasion.**
- **Prolongs life of surface.**
- **Ideal for workshop and garage floors.**



### USES

Bostik Dustproofer & Hardener is a colourless coating that dustproofs and hardens concrete and terrazzo floors.

It helps to extend their life and makes them easier to clean and maintain. It is ideal for garages and workshops as it improves resistance to chemicals, oil, grease and abrasion. It extends the life of concrete and terrazzo floors and makes them easier to clean and maintain. Bostik Dustproofer & Hardener is ideal for garages, workshops and factory floors as it improves resistance to chemicals, oil, grease and abrasion.

**Important:** Not suitable for paving slabs, very dense floors, non-cement surfaces or as a sealer prior to painting. Do not allow liquid to come into contact with aluminium, glass or zinc. Do not use on concrete slabs or power floated concrete.

### DIRECTIONS FOR USE

**IMPORTANT:** Before using Bostik Dustproofer & Hardener refer to the relevant Health & Safety Data Sheet, available at [www.bostik.ie](http://www.bostik.ie).

### PREPARATION

- Ensure the surface is clean, dry and free from grease, dust and any loose materials.
- Allow at least 10 days (20 days in winter) before applying to new concrete.



# DUSTPROOFER & HARDENER

## HARDENS & DUSTPROOFS CONCRETE FLOORS

### PRODUCT CHARACTERISTICS

<b>Colour</b>	Clear
<b>Form</b>	Viscous liquid
<b>Specific gravity</b>	1.2 approx.
<b>Composition</b>	Sodium silicate based solution
<b>Cleaning</b>	Clean tools and equipment with water immediately after use.
<b>Storage/ shelf life</b>	Store for up to 15 months from date of manufacture when stored in original unopened containers in a cool, dry place within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost. Store and transport securely in an upright position. Ensure the cap is fully closed.
<b>Sizes</b>	5 Ltr 30812534

### TYPICAL PERFORMANCE DATA (Approx.)

<b>Application temperatures</b>	+5°C to +25°C
<b>Coverage</b>	2.2 m <sup>2</sup> /litre approx. if applied as recommended.
<b>Mix ratios</b>	<b>1st coat</b> 1 part Cementone Dustproofers & Hardeners to 2 parts water. <b>2nd coat</b> 1 part Cementone Dustproofers & Hardeners to 1 part water. <b>3rd coat</b> 2 parts Cementone Dustproofers & Hardeners to 1 part water.

### APPLICATION

- Dilute with water in accordance with the mix ratios.
- Spread evenly using a soft broom.
- Apply 2 or 3 coats depending on the porosity of the surface.
- Brush away excess solution after 10 minutes.
- DO NOT allow puddling.
- Allow 40 to 60 minutes between coats.
- After the final coat wait 10 minutes then hose away excess.
- Complete removal of the excess is essential, failure to do so will result in white deposits forming on the surface.



# INTEGRAL WATERPROOFER

## PREVENTS WATER PENETRATION OF MORTAR

Bostik Integral Waterproofer is a concentrated chloride-free additive for cement. It is water repellent to reduce penetration, but also water retentive to aid curing and ensure maximum strength. It protects against wet and damp conditions, without inhibiting vapour transmission.

- **Waterproofer and plasticiser.**
- **Ideal for renders.**
- **Complies with EN934-3.**



### USES

Bostik Integral Waterproofer helps reduce efflorescence and lime bloom by restricting moisture movement. It aids the reduction of crazing in rich mixtures by controlling the rate of evaporation. Bostik Integral Waterproofer is chloride-free and has no corrosive effect on reinforcement. It may be used in any situation where it is necessary to construct cement based sections resistant to external water pressure, or to contain water in an enclosure. It Waterproofs and plasticises mortar for retaining walls, external or basement renderings, floor and roof screeds, tanks and to kill suction in backing coats.

**Important:** Do not use in concrete which is structural i.e. loadbearing, reinforced, pre-stressed or contains embedded metals. Work should not be carried out at temperatures below +5°C or when temperatures are expected to fall below this. Ensure materials and procedures comply with the appropriate Standards. Do not exceed ratios stated. Do not overmix. When rendering protect render from drying too quickly. Do not use with other admixtures. Do not add to lime based mixes. Do not use with high alumina, sulphate resisting or extra rapid hardening cement. This product is not vapour proof, therefore structures must incorporate a suitable damp-proof membrane. Not suitable for floor screeds.



# INTEGRAL WATERPROOFER

## PREVENTS WATER PENETRATION OF MORTAR

### PRODUCT CHARACTERISTICS

<b>Colour</b>	Clear	
<b>Form</b>	Viscous Liquid	
<b>Composition</b>	Viscous liquid of mixed fatty acids and Potassium Hydroxide (less than 2%).	
<b>Application temperatures</b>	+5°C to +25°C	
<b>Cleaning</b>	Clean tools and equipment with water immediately after use.	
<b>Storage/ shelf life</b>	Store for up to 15 months from date of manufacture when stored in original unopened containers in a cool, dry place within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost. Store and transport securely in an upright position. Ensure the cap is fully closed	
<b>Sizes</b>	5 Ltr	30812493
	25 Ltr	30812492

### MIX RATIOS

<b>Mix A</b> <b>Rendering, Concreting,</b> <b>Tanks etc.</b>	250 ml Cementone Integral Waterproofer to 25 kg cement.
<b>Mix B</b> <b>Screeds</b>	1 part Cementone Integral Waterproofer to 30 parts water.

The sand should conform to BS 882 : 1992 : Type M (flooring sand). Waterproof Rendering Mixes (adapted from BS 5262 : 1991)

### DIRECTIONS FOR USE

IMPORTANT: Before using Bostik Integral Waterproofer refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://www.bostik.co.uk).

### PREPARATION

- Follow appropriate Standard Codes of Practice.
- Render to new brickwork, leave with raked mortar joints to form a key.
- Render to old brickwork, rake out old concrete or render, remove old plaster or decoration. Make good and ensure backing is sound and free from laitence, dust, grease, oil or damp.
- Stabilise porous surfaces, bonding primer first coat of 1 part EVO-FIX SBR mixed with 2 parts cement. Mix to a smooth consistency and brush vigorously into surface.
- Allow to harden (min. 16 hours, max. 72 hours). Bonding primer second coat of 1 part EVO-FIX SBR, 1 part water and 5 parts cement and apply. Render while this coat is still tacky/wet.

## MIX DESIGNS

Mix type	Parts by volume		Approx. Yield/ 50 kg cement
	Cement/sand	Gauging liquid - Integral Waterproofers /water	
<b>Mix C</b>	1 : 3 to 4	1 : 70	0.16m <sup>3</sup>
<b>Mix D</b>	1 : 5 to 6	1 : 85	0.24m <sup>3</sup>
<b>Mix E</b>	1 : 7 to 8	1 : 100	0.32m <sup>3</sup>

The sand should conform to BS 1199 : 1976 : Type A (sands for plastering)

## MIX SELECTION RELATIVE TO CONDITIONS

Type of finish	Background material	Exposure conditions and mix type (see table 1)	
		Severe	Moderate
Wood float, scraped or textured First & subsequent undercoats	Strong, dense and smooth.	<b>Mix C</b>	<b>Mix C</b>
	Moderately strong, porous.	<b>Mix D</b>	<b>Mix D</b>
	Moderately weak, porous.	<b>Mix D</b>	<b>Mix E</b>
	Moderately weak, porous.	<b>Mix C</b>	<b>Mix D</b>
Finish Coat	Strong, dense and smooth.	<b>Mix D</b>	<b>Mix E</b>
	Moderately strong, porous.	<b>Mix D</b>	<b>Mix E</b>
	Moderately weak, porous.	<b>Mix D</b>	<b>Mix E</b>
	Moderately weak, porous.	<b>Mix D</b>	<b>Mix E</b>
Roughcast & dry-dash First and subsequent undercoats & final coats	Not recommended over weak, porous background.	<b>Mix C</b>	<b>Mix C</b>

## APPLICATION

### WATERPROOFING TANKS, PONDS AND AGAINST GROUND WATER PRESSURE

#### Walls

- Apply rendering MIX A to properly prepared surface. Gauge mix as stiff as possible to minimise the risk of cracking.
- Apply rendering in 2 coats to a total thickness of 20 to 25 mm.

#### First Render Coat

- Apply to 12 to 15 mm thickness. Extend it onto the floor approximately 400 mm from the internal wall floor angle. Form a cove at the internal angle. Carefully scratch to form a key. Do not pierce render.



### **Second Render Coat**

- Apply to 8-10 mm thickness, when the first coat is firm (min. 6 hours, max. 24 hours). Extend it onto the floor approximately 200 mm from the internal wall floor angle.
- Prevent the rendering from drying out too much in the first 48 hours by mist spraying with water or covering with polythene.

### **Floor/Base**

- Apply MIX A or B to a thickness of 36 to 40 mm.
- Overlap all joints to form a 90o angle to the wall.
- Mist spray with water or cover with polythene to prevent it from drying too fast for 48 hours.
- For ponds, tanks or swimming pools – clean thoroughly after it has dried completely. For ponds – partially fill with water, leave for 24 hours then check pH before stocking with fish.

## **EXTERNAL WATERPROOF RENDERING – STANDARD BACKINGS**

- Apply rendering in 2 coats to a total thickness of 18 to 20 mm using one of the mixes in 'Mix Designs' table. Select the appropriate type from Mix Selection Relative to Conditions' table.

## **EXTERNAL WATERPROOF RENDERING – WEAK BACKINGS**

- The mix designs above are not suitable for weak backings. e.g. lightweight blocks. Fix expanded metal lathing to such surfaces and apply 3 coats of rendering to a total thickness of 25 mm, with a minimum 16 mm cover to the metal lathing.
  - coat 1 – MIX A.
  - coat 2 – MIX C.
- The subsequent coats must be thinner and weaker than the preceding coats.
- A scrape finish is recommended for waterproof renderings. Do not allow rendering to dry out too quickly during the first 48 hours – spray mist or cover with polythene.
  - Where appropriate external renders should terminate with a bell mouth.

## **ROUGHCAST**

- Use MIX type D for backing coat.
- Apply this to a minimum thickness of 12 mm and scratch to form a key. Apply roughcast finish using Bostik Integral Waterproofer in the mix.

## **REPLASTERING AFTER INSERTION OF D.P.C.**

- Add Bostik Integral Waterproofer to the mix.
- Apply MIX A to a thickness of 10 to 12 mm.
- If required apply second coat to 8 to 10 mm thickness. Scratch surface of previous coat to key.
- The gauging liquid should be kept to the minimum to provide reasonable workability.
- Do not apply strong mixes over weaker substrates. e.g. plaster, soft bricks etc.
- Scrape finish and spray mist to reduce cracking for the first 48 hours. Allow to cure thoroughly before applying plaster.
- New plasterwork must not bridge the D.P.C. and should finish 25 mm above the floor.

## **BRICKLAYING MORTARS**

- Bostik Integral Waterproofer helps reduce the movement of water soluble salts.
- Use MIX A for strong clay bricks (engineering).
- Use MIX type D for normal strength bricks.
- Use MIX type E for lightweight blocks.



## BRICK & PATIO CLEANER

### REMOVES MORTAR STAINS AND LIMESCALE

Bostik Brick & Patio Cleaner is an effective and economical way to remove stains and limescale from brickwork, concrete, paving, tiles, etc. It also cleans away dirt, grime and algae.

- Cleans away algae, dirt and grime.
- Apply by brush.
- Suitable for most building materials.



#### USES

Bostik Brick & Patio Cleaner is designed to clean and remove light cement and mortar stains from patio areas, concrete, tiles, brickwork and many metals including some tools and dismantled pipework.

**Important:** Do not apply to or near painted enamel, stainless steel, decorative brass or aluminium. This cleaner gives off acidic fumes which can discolour metal or decorative surfaces. Hydrochloric acid dissolves calcium carbonate materials i.e. marble, terrazzo, lime/silicate, limestone and cement based paving. Test on a small, concealed area with dilute cleaner and examine carefully before proceeding to clean the whole area. The test area should be examined after 24 hours as the effect on artificial or coloured stones is not immediately noticeable. If there is any indication that the acid is attacking the surface, wash the surface immediately with plenty of water. When used on pigmented concrete some colour loss may occur.

Do not use a jet or power washer to rinse off cleaner. Do not mix with any other chemicals. Not for interior use. Do not contaminate ponds, waterways or ditches with product.

#### DIRECTIONS FOR USE

IMPORTANT: Before using Bostik Brick & Patio Cleaner refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://www.bostik.co.uk).



# BRICK & PATIO CLEANER

## REMOVES MORTAR STAINS AND LIMESCALE

### PRODUCT CHARACTERISTICS

<b>Colour</b>	Pale yellow
<b>Form</b>	Liquid
<b>Specific gravity</b>	1.06 approx.
<b>Composition</b>	9.8% Hydrochloric (HCl) acid solution.
<b>Cleaning</b>	Clean tools and equipment with water immediately after use.
<b>Storage/ shelf life</b>	Store for up to 2 years from date of manufacture when stored in original unopened containers in a cool, dry place within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost. Store and transport securely in an upright position. Ensure the cap is fully closed.
<b>Sizes</b>	5 Ltr 30812501

### TYPICAL PERFORMANCE DATA (Approx.)

<b>Application temperatures</b>	+5°C to +25°C
<b>Coverage</b>	3m <sup>2</sup> to 5m <sup>2</sup> per litre approx.
<b>Mix ratios</b>	<b>General use:</b> 2 parts Bostik Brick & Patio Cleaner to 1 part water. <b>Severe staining:</b> Use undiluted

### APPLICATION

#### Brick & Patios:

- Do not use on natural limestone, sandstone, terrazzo or marble.
- Dilute as necessary and test on a small concealed area and examine carefully before proceeding to clean the whole area.
- Thoroughly wet the area to be treated with plenty of water to reduce the absorption of the cleaner.
- Apply diluted Bostik Brick & Patio Cleaner with a soft brush.
- Rinse the surface with plenty of water before it has time to dry. Repeat procedure if necessary.

#### Metal Tools & Pipework:

- Soak tools/dismantled pipework in undiluted Bostik Brick & Patio Cleaner for up to 2 hours.
- Rinse thoroughly with water and allow to dry.
- Treat metal with an anti-corrosion protector. (NB)
- Do not use on power tools. (NB)

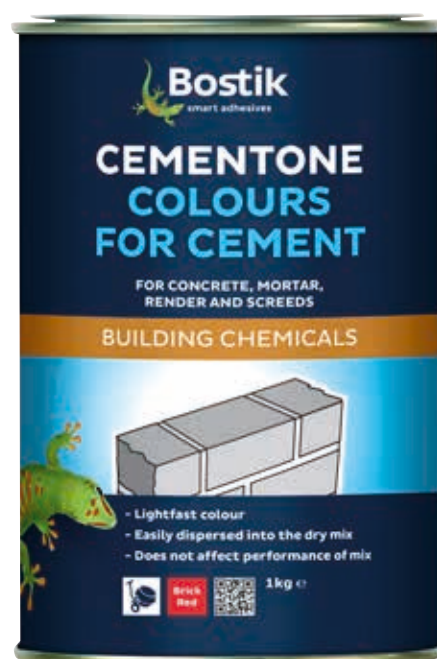


# COLOURS FOR CEMENT

## FOR CONCRETE, MORTAR, RENDER AND SCREEDS

Bostik Colours for Cement is lightfast, lime resistant and disperses easily into the dry mix. It will not affect the strength of the finished mixture, if used as directed.

- **Lightfast colour.**
- **Easily dispersed into the dry mix.**
- **Does not affect performance of mix.**



### USES

Bostik Colours for Cement are specifically formulated to colour cement, concrete, renders, mortars and screeds. Bostik Colours for Cement use pigments that conform to EN 12878: 2005. Bostik They are suitable for interior and exterior use and are intermixable to give a wide range of shades. Bostik Colours for Cement can be used for concrete and mortar, renders (e.g. walls, swimming pools) and flooring (sand/cement screeds, granolithic floor).

### COLOUR CONSISTENCY

The exact colour achieved will depend on the grade and colour of sand, cement and aggregate used. To ensure colour consistency use the same grades and weights of ingredients for the whole project. The same quantity of gauging water must be added to each batch. It is recommended that the same batch number of Bostik Colours for Cement is used per application. If more than one batch number of Bostik Colours for Cement is used, mix product together before use for consistent colour matching. If colour matching, mix a small trial batch and allow to dry before assessing the colour. Once the desired colour has been obtained use the same quantity/mix design for all batches. For pastel shades white cement is recommended.

### DIRECTIONS FOR USE

**IMPORTANT:** Before using Bostik Colours for Cement refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://www.bostik.co.uk).



# COLOURS FOR CEMENT

## FOR CONCRETE, MORTAR, RENDER AND SCREEDS

### PRODUCT CHARACTERISTICS

<b>Colour</b>	Brick Red, Black, Russet Brown, Dark Brown, Buff, Tile Red		
<b>Form</b>	Fine free-flowing powder		
<b>Composition</b>	Iron oxides, carbon black (black colour)		
<b>Cleaning</b>	Clean tools and equipment with water immediately after use.		
<b>Storage/ shelf life</b>	Store for up to 2 years from date of manufacture when stored in original unopened containers in a cool, dry place within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost. Store and transport securely in an upright position.		
<b>Sizes</b>	1kg 5kg 25kg 1kg 1kg 25kg 1kg 25kg 1kg 25kg 1kg 25kg 1kg 5kg 25kg	Black Black Black Brick Red Russet Brown Russet Brown Buff Buff Tile Red Tile Red Dark Brown Dark Brown Dark Brown	30812475 30812474 30605286 30812477 30812481 30608619 30812479 30812478 30811279 30811281 30811275 30811276 30608618

### MIX RATIOS

<b>Normal use</b>	1 part Colour to 20 parts Cement by weight e.g. 1.25kg Colour per 25kg cement.
<b>For lighter shades</b>	Reduce the weight of Colour per 25kg of cement.
<b>For darker shades:</b>	Increase the weight of Colour to a maximum of 1 part Colour to 10 parts cement by weight e.g. 2.5kg per 25kg of cement.

### APPLICATION

- Add Bostik Colours for Cement directly to the dry cement.
- Mix thoroughly with dry cement, then the sand and aggregate to ensure even dispersion of Bostik Colours for Cement. Add gauging water.
- To reduce efflorescence, lime bloom and therefore improve colour retention in mortars, add Evo Stik EMP Mortar Plasticiser to the mix at the recommended dosage (see separate product data sheet for more information).
- For external rendering to reduce efflorescence add Bostik Integral Waterproofing to the mix at the recommended dosage.

## Notes

Handwriting practice lines consisting of 25 sets of three horizontal dotted lines.





**Smart help:  
+353 (1) 862 4998**

For any application not covered please contact Technical Services on +353 (1) 862 4998 or visit [www.bostik.ie](http://www.bostik.ie) for advice.

REFER TO PRODUCT DATA AND SAFETY DATA SHEETS FOR FULL INSTRUCTIONS AND PRECAUTIONS IN USE.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

Bostik Ltd.,  
Common Road, Stafford, ST16 3EH, U.K.  
Tel: +44 (0) 1785 272625 [www.bostik.co.uk](http://www.bostik.co.uk)

Bostik Industries Ltd.,  
Newtown, Swords, Co. Dublin, Ireland  
Tel: +353 1 8624900 [www.bostik.ie](http://www.bostik.ie)

