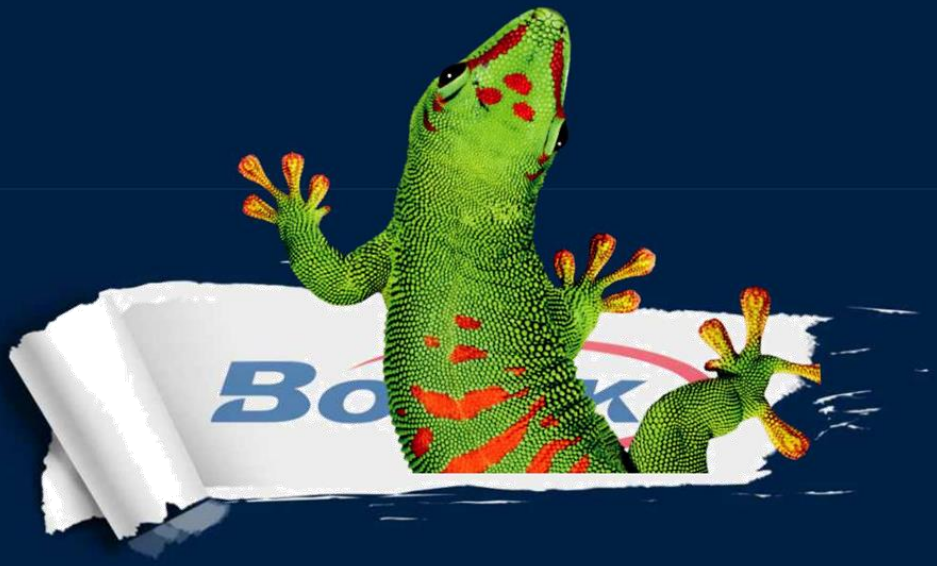
Bostik
smart adhesives

# We are Changing



## Product Guide

**Floor Preperation**

Bostik
smart adhesives

# Floor Preperation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# ULTRALEVEL SL

## Polymer Modified Self Levelling Cementitious Underlay


### DESCRIPTION

Ultralevel SL is a rapid hardening self levelling, single component cementitious underlay. Ultralevel SL has been formulated to achieve a smooth flat surface with ease of application and maximum flow without any shrinkage or cracking.

### RECOMMENDED USES

- Underlayment for floor covering such as carpet, ceramic tiles, vinyl, parquetry etc.
- Fast repairs of uneven concrete floors.
- Residential, commercial and medium industrial application.
- Application thickness from feather edge to 120 mm in a single application.
- New construction and refurbishment projects.

### FEATURES & BENEFITS

- Accepts foot traffic in 2 hours.
- Reinstating large areas in relative short time periods.
- Very fast application.
- Dimensionally stable.
- Single component product, just add water.
- Installation can be carried out in a single application.
- Rapid curing.
- Can be applied directly on to prepared concrete surfaces.
- Eliminates the need for sand and cement screeds.
- Floor covering may be applied next day.
- May be pumped.

### COVERAGE

Yield 13 litres per 20 kg bag when mixed with 4.3 litres of clean water.
3.3m$^2$ at 4mm thick per 20 kg bag.
Coverage may vary based on nature of substrate.

### PERFORMANCE PROPERTIES

Typical properties after 7 days cure at 25$^0$C and 50% RH.

| | |
|---|---|
| Appearance | Powder |
| Colour | Grey |
| Flowability | 280 - 300 mm BS 890 flow cone |
| Fresh wet density | approx. 1860 kg / m$^3$ |
| Compressive strength | see chart |
| Flexural strength | see chart |
| Bond Strength | > 5MPa at 28 Days |
| Application temp. | + 5$^0$C to + 30$^0$C |
| Coefficient of thermal expansion | 10 - 12 x 10$^6$ mm / $^0$C |
| Initial set | 40 - 50 mins at 20$^0$C |
| Final set | 50 - 60 mins at 20$^0$C |
| Traffic time | Pedestrian 2 hrs Vehicle 12 hrs |
| Application thickness | Min 1mm - Max 120 mm |
| Primer | Ultralevel Primer Concentrate |

### STRENGTH

| Age | Compr. Strength | Flexural Strength | Bond Strength |
|---|---|---|---|
| 1 day | 15 MPa | 3.5 MPa | - |
| 3 days | 22 MPa | 4.5 MPa | - |
| 7 days | 25 MPa | 7.8 MPa | > 3 MPa |
| 28 days | 35 Mpa | 11 MPa | > 5 MPa |

### PACKAGING

| STOCK SIZE | COLOUR |
|---|---|
| BOSTIK ULTRALEVEL SL | |
| 20 Kg | Light Grey |

### STORAGE & SHELF LIFE

12 months in original packing.

# ULTRALEVEL HD

## Heavy Duty Floor Overlay


### *DESCRIPTION*

Ultralevel HD is a rapid hardening self levelling polymer modified cementitious overlay. Ultralevel HD has been formulated to achieve a smooth flat surface with ease of application and maximum flow without any shrinkage or cracking.

### *AREAS OF APPLICATION*

• Reinstatement on new or existing concrete floors subject to foot traffic, industrial equipment, fork lift traffic or trolleys.

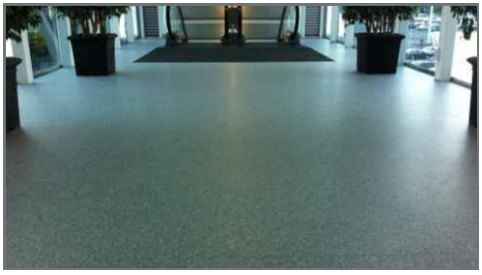
- Use as final wearing coarse overlay or may be coated with an appropriate resin floor coating such as Bostik Epoxycote to produce a long lasting durable overlay.
- Fast application, rapid cure minimise factory downtime residential, commercial and industrial applications, light to medium industrial application.
- Use as stand alone system.
- Application thickness 6 mm - 20 mm in a single application.

### *FEATURES & BENEFITS*

- Heavy duty abrasion resistant.
- Hard wearing stand alone overlay.
- Reinstating large areas in relative short time periods.
- Very fast application.
- Dimensionally stable.
- Single component, just add water.
- Installation can be carried out in a single application.
- Rapid curing.
- Can be applied directly on to prepared concrete surfaces.
- Eliminates the need for sand and cement screeds.
- May be pumped.

### *COVERAGE*

Yield 13 litres per 20 kg. bag when mixed with 4.3 litres of clean water. 2.2 $m^2$ at 6 mm thickness per 20 kg bag. Coverage may vary based on nature of substrate.



### *PERFORMANCE PROPERTIES*

Typical properties after 7 days cure at 25$^0$C and 50% RH

| | |
|---|---|
| Appearance | Powder |
| Colour | Grey |
| Flowability | 280 - 300 mm BS890 flow cone |
| Coefficient of thermal expansion | 7 - 11 x $10^{-6}$ mm / $^0$C |
| Fresh wet density | approx. 1850kg / $m^3$ |
| Compressive strength | see chart |
| Flexural strength | see chart |
| Bond Stregth | > 5MPa at 28 Days |
| Application temp. | + 5$^0$C to + 35$^0$C |
| Initial set | 40 - 50 mins at 20$^0$C |
| Final set | 50 - 60 mins at 20$^0$C |
| Traffic time | Pedestrian 2 hrs Vehicle 12 hrs |
| Application thickness | Min 6 mm - Max 20 mm |
| Primer | Ultralevel Primer Concentrate |

### *STRENGTH*

| Age | Compr. Strength | Flexural Strength | Bond Strength |
|---|---|---|---|
| 1 day | 20 MPa | 3.8 MPa | - |
| 3 days | 28 MPa | 7.6 MPa | - |
| 7 days | 32 MPa | 8.2 MPa | > 5 MPa |
| 28 days | 40MPa | 11.5 MPa | > 10 MPa |

### *PACKAGING*

| STOCK SIZE | COLOUR |
|---|---|
| 20 Kg | Grey |

### *STORAGE & SHELF LIFE*

12 months in original packing.

# ULTRA LEVEL PRIMER CONCENTRATE

## High Performance Polymer Modified Primer for Porous Substrates


### *DESCRIPTION*

High performance one component specially formulated polymer modified primer for use with the Bostik range of cementitious floor levelling compounds.

### *RECOMMENDED USES*

- Primer for use with Bostik Range of Ultralevel levelling compounds.

### *FEATURES & BENEFITS*

- High performance polymer.
- Fast drying and rapid tack allows for early application of levelling compound.
- For porous concrete / cement surfaces.
- Will not re-emulsify in water when dry.
- Economical, high coverage rate.
- High bond strength.
- Dilute 2 parts water 1 part primer.

### *PACKAGING*

| STOCK SIZE | COLOUR |
|---|---|
| ULTRA LEVEL PRIMER CONCENTRATE | |
| 5 litres | Milky White |

### *COVERAGE*

8 - 10 $m^2$ / ltr. / Coat.
Coverage may vary based on nature of substrate.

### *STORAGE & SHELF LIFE*

12 months in original packing.

# ULTRA NP PRIMER

## Two Component Solvent Free Synthetic Resin Based Epoxy Primer For Non-Porous Surfaces

### *DESCRIPTION*

Ultra NP Primer is a high performance two component synthetic resin based primer specially for use as a primer for non - porous substrates.
Ultra NP Primer provides a good bond coat aid prior to the application of Ultralevel subfloor levelling compounds and thin bed mortars. Ultra NP Primer is ideal on dense smooth non-porous substrates.

### *RECOMMENDED USES*

- Primer and bonding agent on very dense, smooth substrates.
- May be used on wood, steel, concrete, terrazzo, tiles and plastic coatings.

### *COVERAGE*

6 - 10 $m^2$/ litre / coat. Coverage may vary based on nature of substrate.

### *FEATURES & BENEFITS*

- High adhesive strength.
- Convenient 1 : 1 mix ratio.
- Fast drying, tack off time.
- High Performance.
- Solvent Free.
- Adheres to most surfaces.
- Non - flammable

### *PACKAGING*

| STOCK SIZE | COLOUR |
|---|---|
| 4 Litres kit | Green |

### *STORAGE & SHELF LIFE*

12 months in original packing.

# EPOXYCOTE SB / SF

## Epoxy Floor Coating

### DESCRIPTION

Bostik Epoxycote SB / SF is solvent based / solvent free Epoxy Floor coatings.

### TYPICAL USES

Ideal for production assembly, chemical manufacturing unit, pharmaceutical unit, bottling plant, diaries, workshops and showrooms.

### BENEFITS

- Impervious finish which is easily cleaned to maintain hygiene.
- Resistance to wide range of chemicals.
- Hardwearing.
- Available in range of colours.

### PROPERTIES

| Product | Pot Life | Initial Cure | Finish |
|---|---|---|---|
| Epoxycote SF | 20mts @30$^0$C | 18 hrs. | Gloss |
| Epoxycote SB | 1hr.@30$^0$C | 16 hrs. | Semi Gloss |

### APPLICATION PROCEDURE

**Surface Preparation**

- The concrete surface must be hard, sound and dry.
- Dust and paint should be removed from substrate prior to application of primer.
- New concrete floor must be allowed to cure for at least 28 days and moisture should not exceed 5%.
- Existing concrete floor surface should be mechanically prepared by scrubbing / grinding.
- Dust and debris should be removed using vacuum equipment.
- Expansion or movement joint should be brought through to finished surface.

### PRIMING

- All areas to be treated with Bostik Epoxycote SB / SF must be primed with Primer E2 . Add entire content of component B (hardener) into component A (base) of Primer E2.

- Mix thoroughly for 2 minutes with slow speed stirrer and apply by brush / roller on prepared surface.
- Second coat may be required depending upon the condition and porosity of the concrete substrate.
- Proper priming is required to avoid blister or pin holes in the final coating.
- Allow the Primer to tack free.

### MIXING

Bostik Epoxycote SB / SF supplied as two components, base and hardener in a pre weighed pack for easy site mixing.

- Component A (base) should be thoroughly stirred before adding component B (hardener).
- Pour component B into component A and mix for 2 minutes with slow speed stirrer with suitable mixing paddle.
- One or more pack may be mixed simultaneously to ensure quick rate of application.

### APPLICATION

- Mixed material should be applied on to the primed surface by using brush or roller.
- Ensure that the area is completely coated The second coat should be applied after the first coat dries.
- The applied area should be protected during application and initial curing time.

### COVERAGE

Primer E2 - 5 to 6 m$^2$ / kg
Epoxycote SF - 3m$^2$ / kg / coat @ 200 micron DFT, 2 coats recommended
Epoxycote SB - 6m$^2$ / kg / coat @ 120 micron wet film thickness, 2 coats recommended to get 100 micron DFT. Coverage may vary based on nature of substrate.

### PACK SIZE

Primer E2 - 1 & 5 Kg.
Epoxycote SF - 5 Kg.
Epoxycote SB - 5 Kg.

### LIMITATION

This product should not be applied on surface known to have rising moisture or relative humidity greater than 75%. Use **Bostik Moisture Seal** to overcome damp substrate conditions.The product should not be applied at temperature less than 10$^0$C or above 45$^0$C.

### COLOURS AVAILABLE

White, Yellow, Arctic Blue, Dark Green
Light Grey, Terra cotta, Black, Mid Grey

*More shades are available based on requirement

### STORAGE & SHELF LIFE

12 months in original packing.

# ULTRALEVEL EUL 2000

## 2mm Epoxy Self Levelling Underlay

### *DESCRIPTION*

Ultralevel EUL 2000 has been formulated to achieve a smooth flat surface with ease of application and maximum flow on existing uneven concrete floor. Underlay may be coated with Bostik Epoxy resin based flooring systems.

### *BENEFITS*

- Economical.
- Very fast application.
- Good mechanical properties.
- Seamless floor which is cleaned to maintain hygiene
- Resistance to wide range of chemicals.

### *PROPERTIES*

- Pot life - 30 minutes @ $30^0$C.
- Initial cure - 18 hrs.
- Full cure - 7 days.
- Colour - Translucent / Pigmented.
- Compressive strength - 65 N / $mm^2$
- Flexural strength - 15N / $mm^2$
- Tensile strength - 10 N / $mm^2$

### *APPLICATION PROCEDURE*

**Surface Preparation**

- The concrete surface must be hard, sound and dry.
- Dust and paint should be removed from substrate prior to application of primer.
- New concrete floor must be allowed to cure for at least 28 days and moisture should not exceed 5%.
- Existing concrete floor surface should be mechanically prepared by scrubbing / grinding.
- Dust and debris should be removed using vacuum equipment.
- Expansion or movement joint should be brought through to finished surface.

### *PRIMING*

- All areas to be treated with Bostik Ultralevel EUL 2000 must be primed with Primer E2, Add entire content of component B (hardener) into component A (base) of Primer E2.
- Mix thoroughly for 2 minutes with slow speed stirrer and apply by brush / roller on prepared surface.
- Second coat may be required depending upon the condition and porosity of the concrete substrate.
- Proper priming is required to avoid blister or pin holes in the final coating.
- Allow the Primer to tack free.

### *MIXING*

- Bostik Ultralevel EUL 2000 is supplied in a pre-weighed pack consisting of three components Base, Hardener and Filler.
- Pour hardener into the base and mix with the suitable mixing paddle to obtain a homogeneous mix.
- Add filler to the homogeneous mix and stir for 3 to 5 minutes.
- One or more pack may be mixed simultaneously to ensure quick rate of application.

### *APPLICATION*

- Mixed material should be poured on to already primed surface.
- Material should spread evenly and slowly to get desired thickness by using serrated trowel.
- The surface should be gently rolled with spike roller to remove entrapped air and trowel marks.
- The applied area should be protected during application and the initial curing time.

### *COVERAGE*

2

Ultralevel EUL2000 - 5.3 $m^2$ / 19 kg pack @2mm thickness

Coverage may vary based on nature of substrate.

### *PACKAGING*

Primer E2 : 1 & 5 Kg.
Ultralevel EUL 2000 : 19 kg (composite pack of Base, Hardener & Filler)

### *LIMITATION*

This product should not be applied on surface known to have rising moisture or relative humidity greater than 75%. Use **Bostik Moisture Seal** to over come damp substrate conditions. The product should not be applied at temperature less than $10^0$C or above $45^0$C

### *STORAGE & SHELF LIFE*

12 months shelf life in original packing.

# ULTRALEVEL ESL 1000 / 2000

## 1mm / 2mm Self Levelling, Seamless, Epoxy Floor System

### DESCRIPTION

Ideal for Industrial floor, clean room, laboratories & electronic assembly area, hospitals, switch gear plant room, pharma industries,food processing industries & showrooms.

### BENEFITS

- Seamless floor which is cleaned to maintain hygiene.
- Resistant to wide range of chemicals.
- Good abrasion resistance.
- Available in range of colours.

### PROPERTIES

- Potlife - 30 minutes at $30^0$C.
- Compressive strength - 80N/$mm^2$.
- Flexural strength - 40 N /$mm^2$
- Tensile strengh - 15 N /$mm^2$

### APPLICATION PROCEDURE

**Surface Preparation**

- The concrete surface must be hard, sound and dry.
- Dust, paint should be removed from substrate prior to application of primer.
- New concrete floor must be allowed to cure for at least 28 days and moisture should not exceed 5%.
- Existing concrete floor surface should be mechanically prepared by scrubbing / grinding.
- Dust and debris should be removed using vacuum equipment.
- Expansion or movement joint should be brought through to finished surface .

### PRIMING

- All areas to be treated with Bostik Ultralevel ESL 1000 / 2000 must be primed with Primer E2, add entire content of component B (hardener) into component A (base) of Primer E2.
- Mix thoroughly for 2 minutes with slow speed stirrer and apply by brush / roller on prepared surface.
- Second coat may be required depending upon the condition and porosity of the concrete substrate.
- Proper priming is required to avoid blister or pin hole in the final coating.
- Allow the Primer to tack free.

### MIXING

- Bostik Ultralevel ESL 1000 / 2000 is supplied in pre weighed packs consisting of Base, Hardener, Filler & Colour concentrate.
- Base should be thoroughly stirred before adding the hardener.
- Pour hardener into the base and mix for 2 minutes with slow speed stirrer using suitable mixing paddle. Add colour concentrate to the mixed base - hardener and mix further till achieve a uniform mix.
- Finally add filler to the homogeneous mix and stir for 2 minutes.
- One or more pack may be mixed simultaneously to ensure quick rate of application.

### APPLICATION

- Mixed material should be poured on to already tack free primed surface.
- Material should spread evenly and slowly to get desired thickness by using serrated trowel.
- The surface should be gently rolled with spike roller to remove entrapped air and trowel marks.
- The applied area should be protected during application and the initial curing time.

### COVERAGE

| | | |
|---|---|---|
| Primer E2 | - | 5 - 6 $m^2$/ kg |
| Ultralevel ESL 1000 | - | 0.6$m^2$ / kg @ 1mm thickness |
| Ultralevel ESL 2000 | - | 0.3$m^2$ / kg @ 2mm thickness |

Coverage may vary based on nature of substrate.

### PACKAGING

Primer E2 : 1 & 5 kg.
Ultralevel ESL 1000 - 16 kg.
Ultralevel ESL 2000 - 17 kg.

### LIMITATION

This product should not be applied on surface known to have rising moisture or relative humidity greater than 75%. Use Bostik Moisture Seal to over come damp substrate conditions. The product should not be applied at temperature less than $10^0$C or above $45^0$C.

### COLOURS AVAILABLE

White, Yellow, Arctic Blue, Dark Green, Light Grey, Terra cotta, Black, Mid Grey

* More shades are available based on requirement

### STORAGE & SHELF LIFE

12 months shelf life in original packing.

# BOSTIK EPU SL 1000 / 2000

## 1 mm / 2 mm Epoxy - PU Self Levelling Flooring

### DESCRIPTION

Bostik EPU SL 1000 / 2000 is a self leveling, EPU based pigmented topping. It has excellet flexibility and adhesive properties.

### RECOMMENDED USES

Bostik EPU SL 1000 / 2000 is a flooring system for cementitous surface such as concrete, plaster, asbestos cement. The main fields of application are floors, where hygiene or high abrasion reistance is required like hospitals, pharma, food, breweries, automobiles, airport hangers, and other heavy engineering industries.

### FEATURES & BENEFITS

- Very hard impact and abrasion resistant.
- Weather and water proof.
- Resistant to waste and sea water.
- Suitable for organic and inorganic acids, dyes and mineral oils.
- Coated surface can be steam cleaned.
- Impermeable to carbon dioxide, thus protects concrete against carbonization.

### PROPERTIES

| | |
|---|---|
| Type | Epoxy PU |
| Colour | Any desired colour |
| Pot Life @ 27 ± 2$^0$C, in minutes | 30 - 40 |
| Compression Strength | 60 N / mm$^2$ |
| Flexural Strength | 40 N / mm$^2$ |
| Tensile strength | 25 N / mm$^2$ |
| Minimum hardening temp. $^0$C | 10 |
| Curing time | 7 days, min. |
| Surface Dry | 3 - 4 hours |
| Tack free dry | 8 hours |
| Hard Dry | Over night |
| Method of application | Leveller & Spike roller |
| Finish | Semi gloss |
| Thinner | Bostik Thinner E |

### APPLICATION PROCEDURE

**Surface Preparation :**
The concrete surface must be hard, sound and dry. Dust, paint should be removed from substrate prior to application of primer, New concrete floor must be allowed to cure for at least 28 days and moisture should not exceed 5%, existing concrete floor surface should be mechanically prepared by scrubbing / grinding, dust and debris should be removed using vacuum equipment, expansion or movement joint should be brought through to finished surface.

### PRIMING

- All areas to be treated with Bostik EPU SL 1000 / 2000 must be primed with Primer E2. Add entire content of component B (hardener) into component A (base) of Primer E2.
- Mix thoroughly for 2 minutes with slow speed stirrer and apply by brush / roller on prepared surface.
- Second coat may be required depending upon the condition and porosity of the concrete substrate.
- Proper priming is required to avoid blister or pin holes in the final coating.
- Allow the Primer to tack free.

### MIXING

- Bostik EPU SL 1000 / 2000 is supplied in pre weighed packs consisting of Base, Hardener, Filler & Colour concentrate.
- Base should be thoroughly stirred before adding to the hardener.
- Pour hardener into the base and mix for 2 minutes with slow speed stirrer using suitable mixing paddle. Add colour concentrate to the mixed base - hardener and mix further till achieve a uniform mix.
- Finally add filler to the homogeneous mix and stir for 2 minutes.
- One or more pack may be mixed simultaneously to ensure quick rate of application.

### APPLICATION

- Mixed material should be poured on to already tack free primed surface.
- Material should spread evenly and slowly to get desired thickness by using serrated trowel.
- The surface should be gently rolled with spike roller to remove entrapped air and trowel marks.
- The applied area should be protected during application and the initial curing time.

### COVERAGE

Primer E2 - 5 - 6 m$^2$ / kg.
Bostik EPU SL 1000 - 0.6m$^2$ / kg @ 1mm thickness.
Bostik EPU SL 2000 - 0.3m$^2$ / kg @ 2mm thickness.
Coverage may vary based on nature of substrate.

### PACKAGING

Primer E2 : 1 & 5 kg.
Bostik EPU SL 1000 - 16 kg. Bostik EPU SL 2000 - 17 kg.

### LIMITATION

This product should not be applied on surface known to have rising moisture or relative humidity greater than 75%. Use **Bostik Moisture Seal** to overcome damp substrate conditions. The product should not be applied at temperature less than 10$^0$C or above 45$^0$C

### COLOURS AVAILABLE

Colours and shades are available based on requirement.

### STORAGE & SHELF LIFE

12 months in original packing.

# BOSTIK FLOOR HARDENER

## Non Metallic Floor Hardener

### *DESCRIPTION*

Bostik Floor Hardener is a cementitious premixed shake -on floor hardener based on specially selected and graded silica aggregate and is ready to use. It is evenly sprinkled on fresh concrete and floated to a smooth finish. It provides increased wear resistance to surface.

### *RECOMMENDED USES*

**BOSTIK FLOOR HARDENER** is used to produce abrasion resistant monolithic floor topping for surfacing concrete in:

- Lobbies.
- Restaurants.
- Showroom.
- Factory and warehouse floors.
- Commercial and Industrial facilities.
- Carparks etc.

### *FEATURES & BENEFITS*

- Increase wear, abrasion and impact resistance.
- Resistance to mild chemicals such as agricultural chemicals, fertilizers, oil and greases provided it is cured and specially surface sealed with a product recommended by our Technical Dept.
- Minimise surface dusting.
- Very high compressive and flexural strength.
- Economical and easy to layover the freshly placed floor concrete.
- Non-toxic, chloride free, safe to use.

### *APPLICATION PROCEDURE*

Bostik Floor Hardener is a dry shake finish that is applied to the concrete slab in two applications. After the concrete slab has been screeded, tamped, floated and bleeding has stopped, and the excess water has disappeared, apply the first application of Bostik Floor Hardener with two third (2 / 3) of the required amount. Float the first application of Bostik Floor Hardener after the moisture has come completely through. Apply the second application of Bostik Floor Hardener immediately after the first. Application has been floated and water sheen has disappeared. Float the surface as soon as the moisture has come through. As soon as the concrete has sufficiently set, steel trowel to obtain a smooth surface.

### *COVERAGE*

30 kg Bostik Floor Hardener will treat 4.2 to 6 sq. m concrete for heavy to light duty flooring.

### *PACKAGING*

30 kg bags.

### *STORAGE & SHELF LIFE*

12 Months in original packing.

# BOSTIK ESM

## Epoxy Screed Mortar System

### DESCRIPTION

Bostik ESM is a solventless three component Screed Mortar based on epoxy resin technology.

### USE

Bostik ESM is an epoxy screeding material ideally suited for floors and walls subjected to mechanical loading and chemical exposure. Its usage is recommended for all factories, like fertilizers, paper, textiles etc., in food industries like beverages, sugar and confectionaries, in water treatment and sewage treatment plants etc. Bostik ESM can be used as a flooring where high traffic is expected like highways, airports etc.

### ADVANTAGES

- Fast setting.
- Very good strength properties.
- Local patch up can be done.
- Negligible shrinkage.
- Solvent free.

### APPLICATION INSTRUCTIONS

**Surface Preparation :**

Concrete surface should be free from contaminants and dust by sandblasting. In case sand blasting is not possible, thorough abrading with a hard wire brush can be used, though it is not as efficient. Otherwise, acid etching using 1 part of Hydrochloric acid with 2 parts of water can be carried out. The solution should be brush applied over the surface liberally and left in contact for 15 minutes. Then it is washed off with plenty of water followed by thorough drying with hot water.

The pre-requisites for good adhesion of the coating are cleanliness, roughness and dryness of the surface. Unless these are ensured by proper surface preparation, a successful performance cannot be guaranteed.

Apply thoroughly mixed primer E1 onto prepared substrate by brush roller. Mix thoroughly with slow speed stirrer, Bostik ESM, pre weighed base & hardener first and then add filler slowly. Continue to stir till uniform mix is attained.

Spread mix mortar evenly on tacky primed surface for desired thickness by steel / wooden trowel. Wooden / steel reference guide can be used to maintain required thickness. Smoothen it up by pressing with steel trowel.

### COVERAGE

- Primer E1 0.2 - 0.25 kg / Sq.m
- Screed-Bostik ESM 2.0 - 2.1 kg / Sq.m

### PERFORMANCE PROPERTIES

| | |
|---|---|
| Colour | Natural to off white |
| Pot life at 27$^0$C | 90 - 120 minutes |
| Density, gms / cc | 2 - 2.1 |
| Curing time | 7 days min. |
| Comp. Strength | 1000 kg / sq. cm min. |
| Adhesion strength | 60 kg / sq. cm min. (concrete failure) |
| Tensile strength | 100 kg / sq. cm min. |
| Flexural strength | 300 kg / sq. cm min. |
| Shrinkage | Negligible |

### CLEANING

Immediately after application of Bostik ESM, clean the tools, equipment and the mixing container using solvents like Bostik Thinner E. Otherwise, removal of dried / hardened epoxy mortar is difficult.

### PACKAGING

Composite pack of Base, Hardener and Filler - 15 & 30 kg.

### STORAGE & SHELF LIFE

Bostik ESM Base, Hardener and Filler as supplied shall be stored in a cool and dry place away from sunlight, moisture and high humidity and has a shelf life of 12 months in the original packing.

## Our Authorized Distributors

DURGAMBA™
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