



Bostik K11 Slurry Grey

CEMENT BASED CRYSTALLINE WATERPROOFING SYSTEM



DESCRIPTION

Bostik K11 Slurry Grey is a breathable, two part cement based system for waterproofing and masonry. It becomes an integral part of the wall and waterproofs through a crystallization process. Bostik K11 Slurry Grey is a multiple active formulation of cements and chemical additive designed to penetrate deep in the capillaries of the substrate and form a crystalline structure. It contains no added chloride or sodium. It is inorganic, nontoxic and resists chemical attack in a similar way to Portland cement.

The addition of Bostik SB Bonding Agent improves better adhesion, higher flexibility and permeability resistance.

RECOMMENDED USES

It gives a permanent seal against both positively and negatively against hydrostatic water pressure.

To seal such as basement underground garages, concrete slabs, tunnels and shafts against soil moisture and water pressure.

It can be used in the field of concrete repair as bonding slurry.

APPLICATION PROCEDURE

Surface Preparation

All concrete to be treated with Bostik K11 Slurry Grey must be clean and have an open capillary system. Laitance, dirt, etc. should be removed by means of high

water jetting, wet sand blasting or wire brushing. Faulty concrete in the form of cracks, honeycombs must be cleaned and then filled with mortar of Bostik K11 Slurry Grey.

For the use on the negative side: no water leaks should be present at the time of application of Bostik K11 Slurry Grey.

The surface should be pre-wet with water before application of Bostik K11 Slurry Grey, taking care that the surface is damp and not wet.

PERFORMANCE PROPERTIES

Pot life	2 hours
Compressive Strength	27 N/mm ²
Flexural Strength	7 N/mm ²
Tensile strength	2 N/mm ²
Impermeable to water pressure	over 7.5 bar
Foot traffic	after 2 days
Full load	after 2 weeks

MIXING

Slowly pour small amounts of SB Bonding Agent into the Bostik K11 Slurry Grey, in order to obtain a plastic consistency (9 litres for 25 kg of Bostik K11 Slurry Grey). Make sure that the mixture is blended thoroughly so that an optimum homogeneity is achieved. When

mixing is completed ,do not add additional mixing liquid and do not retemper

SLURRY APPLICATION

The surface should be pre wet with water before application of Bostik K11 Slurry Grey, taking care that the surface is damp and not wet. A minimum of two coats of Bostik K11 Slurry Grey is applied to a surface for effective waterproofing .Each following coat should be applied when the previous one has not yet completely dried

BRUSH APPLICATION

Surface must be damp at he time of application. Load bristles of cement masons brush with Bostik K11 Slurry Grey. Work the slurry into surface to fill pores and voids .The final brush stokes should be in one direction to produce an even texture and finish. Apply the second coat in the same manner as the fist coat except that the finish brush stokes should be right angles to those of first coat

SPRAY APPLICATION

Use air operated spray equipment capable of spraying cementitious materials .Use a 3.2 cm nozzle .On concrete surfaces, Bostik K11 Slurry Grey is to be sprayed in two coats.The first coat should be light and followed immediately by a second heavier coat. On concrete masonry surfaces, apply a first coat, before initial set, back brush the surface with mason's brush or broom to fill voids and ensure uniform coverage .Allow the fist coat to cure for 24 hours .Dampen the surface and spray on a second coat (same thickness as the first coat) in the same manner as the first coat

COVERAGE

Against moisture	1.5 kg/sq.m (2 coats)
Against non pressurized water	2.0 kg/sq.m (2 coats)
Against pressurized water	2.5 kg/sq.m (2-3 coats)

PACKAGING

Bostik K11 Slurry Grey is supplied 25 kg and Bostik SB Bonding Agent is supplied in 9 litre

CLEAN UP

Clean mixing and application equipment with water immediately after use

STORAGE & SHELF LIFE

Bostik K11 Slurry Grey has a shelf life of at least 12 months. Store all materials in a cool dry place in an elevated condition.

HEALTH & SAFETY

Suitable protection clothing, dust masks, gloves and eye protection should be worn. Continual or extended contact with cement products can cause skin irritation. If skin irritation occurs, flush skin with water for a minimum of 15 minutes. If irritation still persists, consult medical advices.

WARRANTY

Whilst Bostik India P Ltd., strives to ensure that any advice, information or recommendation given are appropriate and correct, it cannot accept any liability directly or indirectly arising out of the products, since the method and place of application of the products are beyond its control. Its guarantee is therefore limited to the quality of materials delivered

BOSTIK HOTLINE

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