



We are Changing



Product Guide

Masonry & Building Chemicals



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HYDROMENT 476 CRETE HS / BOSCOCRETE

Acrylic Latex



DESCRIPTION

Acrylic Latex based waterproofing additive cum bonding agent.

RECOMMENDED USES

- Waterproofing of water tanks, roofs, balconies, terraces, wet areas, reservoir, swimming pools and fountains.
- Bonding old to new concrete.
- Additive for repair mortar.

FEATURES AND BENEFITS

- Good water proofing property.
- No degradation on long term exposure.
- Excellent bonding properties.
- Enhances strength & durability of Repair Mortar.
- Suitable for external and internal repairs.

APPLICATION PROCEDURE

WATERPROOFING

- The surface must be thoroughly cleaned to remove all dust & debris.
- Surface should be free from oil, wax, or any other contaminations.
- Ensure the substrate is sound before application.
- Wet the surface before coating to achieve SSD condition.
- Mix cement and polymer in the ratio of 2:1 pbw to get uniform and consistent slurry by using low speed stirrer.
- Apply material by stiff brush.
- Minimum two coats to be applied in the interval of 5-6 hours.
- Mix frequently to avoid setting during application.
- Cure for 3 days.

COVERAGE

1sqm / kg mix in 2 coats.

BONDING AGENT

- Wet the surface before application.
- Apply directly or mix cement and polymer in the ratio of 2 : 1 pbw to get uniform and lump free, consistent slurry.

POLYMER MODIFIED MORTAR

- Cement - 50 Kgs
- Sand Zone II - 125 Kgs
- H 476 HS - 10 Ltrs
- Water - To get desired consistency

PERFORMANCE PROPERTIES

Appearance	White emulsion
Specific gravity	1.02
Solid content	
• Hydroment 476 HS	40%
• Bosconcrete	30%

PACKAGING

200, 500 ml, 1, 5, 10, 20, 100 & 200 Litres

STORAGE &SHELF LIFE

12 months in original packing.



BOSCOCEM 475 / SBR

SBR Latex



DESCRIPTION

Styrene Butadiene Based Mortar Modifying & Bonding Agent.

AREAS OF APPLICATION

- Bonding agent for old and new concrete.
- Repair damaged, spawled concrete and filling of cracks.
- Suitable for water proofing and laying floor screeds.

FEATURES & BENEFITS

- Good adhesion to concrete / masonry surfaces.
- Improving tensile and flexural properties of repair mortar.
- Reduces water penetration and shrinkage.
- Better abrasion and chemical resistance of cement screed.

APPLICATION PROCEDURE

- Substrate should be cleaned and free of dust. Use wire brush to remove loose material.
- Clean surface with water to remove loose particles and dust before primer application.

PRIMER COAT

Apply directly or mix cement and Boscocem 475 in the ratio of 2 : 1 PBW. Apply as a slurry coat before placing polymer modified repair mortar.

POLYMER MODIFIED REPAIR MORTAR

Cement : 50 Kgs
Zone II Sand : 125 Kgs
Boscocem 475 : 10 Ltrs
Water : To get desired consistency

- Lay the polymer modified mortar when the primer coat is tacky.
- Finish the surface as usual.

PROPERTIES PERFORMANCE

Appearance	Milky White Liquid
Specific gravity	1.03
Solid content	
Boscocem 475	45%
Boscocem SBR	30%
Polymer modified mortar	} 15 N / mm ² - 3 days 20 N / mm ² - 7 days
compressive strength	
Flexural strength	6 N / mm ² - 28 days

PACKAGING

200, 500 ml, 1, 5, 10, 20, 100 & 200 Litres.

STORAGE & SHELF LIFE

12 months in original packing.



CRACKFILL

Polymer Modified Cementitious Crack Sealer



DESCRIPTION

Bostik Crack Fill is high performance Polymer modified cementitious Crack Sealer for sealing / repairing internal and external cracks in plasters and masonry surface.

FEATURES & BENEFITS

- Single component.
- Non - shrinking.
- Better adhesion.
- Smooth finish.

APPLICATION PROCEDURE

- Develop the crack in a "V" shaped groove.
- Clean the groove by sprinkle of water to remove all the loose particles and dust.
- Mix proportion Crack filler : Water - 3 :1 PBV.
- Mix Crack Filler in water in a clean container.
- Mix for 2 - 3 minutes to get smooth homogeneous paste.
- Apply this paste into the groove with suitable trowel.
- Finish the surface as required.

EP BOND

Epoxy Bonding Agent

DESCRIPTION

Bostik EP bond is a two component bonding agent when mixed and allowed to set produces bond of immense strength.

AREAS OF APPLICATION

- Bonding new concrete to old concrete.
- Bonding Agent for steel & structural members.
- Ideal for extensions & repairs of structural concrete.

APPLICATION PROCEDURE

- Clean the surface and make it free from dust and any other contaminants.
- Ensure the substrate is sound.
- Pour contents of hardener into base.
- Mix thoroughly to get a uniform colour.
- Apply material by brush on prepared surface.
- Put new concrete when bonding agent is tacky.

FEATURES & BENEFITS

- High bond strength
- Outstanding toughness
- Excellent adhesion
- Solvent free

PERFORMANCE PROPERTIES

Appearance	White in colour
Workability	20 minutes at 30°C

COVERAGE

35 running meter / kg for 6 mm x 6 mm "V" shaped groove

PACKAGING

1 & 5 Kg

STORAGE & SHELF LIFE

12 months in original packing.



PERFORMANCE PROPERTIES AFTER 7 DAYS

Compressive Strength	50 N / mm ²
Flexural Strength	35 N / mm ²
Tensile Strength	20 N / mm ²
Shear Strength	25 N / mm ²
Pot life @ 30°C	2 hours

COVERAGE

Approximately 2 sqm / kg.
Coverage depends on porosity of surface

PACKAGING

1 & 5 kg

STORAGE & SHELF LIFE

12 months in original packing.

PLUG LEAK

Fast Setting Water Plug



DESCRIPTION

Bostik Plug Leak is fast setting hydraulic cement based water plugging compound.

AREAS OF APPLICATION

- Basement & Pits.
- RCC water tanks.
- Concrete pipes.
- Sewage system.
- Water retaining structures.

APPLICATION PROCEDURE

- Identify the leakage area, remove loose material and clean it properly.
- Add Bostik Plug Leak into water in the ratio 3 : 1 by volume.
- Mix to a stiff paste consistency.
- Apply on leakage area and hold it with pressure for 2 - 3 minutes till Plug Leak hardens.
- Repeat the above procedure to plug the entire leak.

PERFORMANCE PROPERTIES

Initial setting time	2 - 3 minutes
Compressive strength	50 Kg / cm ² @ 3 hrs 250 Kg / cm ² @ 28 days

PRECAUTION

Use only on cementitious surface.

Hand gloves to be used during application.

PACKAGING

1 & 5 Kg

STORAGE & SHELF LIFE

6 months in original packing.

BOSTIK LVEP

Low Viscous Epoxy Injection Resin Grout System



DESCRIPTION

Bostik LVEP is a solvent free non pigmented two component system based on liquid epoxy resin with a special hardener designed for injecting into narrow gaps, cracks and voids ranging from 0.25 mm to as wide as 9 mm.

RECOMMENDED USES

Bostik LVEP is a special material for sealing the cracks, honeycombs and cavities of concrete structures either by gravity flow or by injection example in parking garages, factory halls, workshops, etc.

FEATURES & BENEFITS

- Low viscosity, high capillary action - deep penetration, can be injected into fine cavities and narrow gaps.
- Very hard and abrasion resistant.
- Very high mechanical strength properties - withstands heavy loads and stress.
- Non shrink - fills up voids and cracks completely.
- Weather and water proof.

- Resistant to waste and sea water.
- Suitable for dilute inorganic acids, lyes and mineral oil.

PERFORMANCE

Color	Colourless
Mixing Ratio by weight, Bostik LVEP Base : Hardener	3 : 1
Pot Life at 27 ± 2° C, in minutes	60
Density	1.05 - 1.15
Minimum hardening temp. °C	10
Curing time, in days min.	7
Compressive Strength (N / sq. mm)	70

PACKAGING

1 & 4 kg.

STORAGE & SHELF LIFE

12 Months in original packing.

PATCHFIX CONCRETE

High Early Strength, Fast Setting, Shrinkage Compensated Patching Concrete



DESCRIPTION

Patchfix Concrete is a rapid setting, high early strength, shrinkage compensated repair concrete for patching roadways, pavements and floors. A special blend of cement and aggregates supplied in a ready to use form. The addition of water and mixing produces a high strength, heavy duty trowelable repair concrete that minimises shut time and allows the repair back in service in 2 - 3 hours.

RECOMMENDED USES

- Repairing localised patches, small or large.
- Repairing concrete roadways, warehouse floors, ramps, concrete pavements.
- Maintenance repairs for areas 10 mm to 180 mm in depth in one layer.
- Emergency repairs or patching of concrete.
- Floor repairs and overlay.
- Where minimum disruption to traffic and floor shutdown is required.
- Floor areas subject to high abrasion and impact.
- Patching or damaged concrete.

FEATURES & BENEFITS

- Rapid strength gain will accept vehicle traffic in 2 Hours.
- High strength, abrasion and weather resistance.
- One component product, just add water.
- Excellent bond strength to concrete substrate.
- High build repairs can be carried out in a single application.
- Shrinkage compensated.
- Easy to mix and apply.
- Can be used internal or external.
- Low permeability providing protection against chlorides and carbon dioxide.
- Single component system of pre-blended powder.
- Simply add water and mix.

COVERAGE

To be estimated considering area of repair and fresh wet density of Patchfix Concrete.



PERFORMANCE PROPERTIES

Typical properties after 7 days cure at 25°C and 50% RH.

Appearance	Powder
Colour	Grey
Flowability	N / A
Fresh Wet density	approx. 2200 kg /m ³
Compressive strength	see chart
Flexural strength	see chart
Bond strength	> 15 MPa at 28 days
Application temp.	+ 5°C to + 35°C
Initial set	35 mins to 40 mins at 20°C
Final set	40 mins to 50 mins at 20°C
Traffic time	Pedestrian 1 - 2 hrs Vehicle 2 hrs
Application thickness	Min 10 mm Max 180mm
Primer	Hydroment 476 HS

STRENGTH

Age	Compr. Strength	Flexural Strength	Bond Strength
2 hrs	26MPa	-	-
8 hrs	33 MPa	-	-
1day	45 MPa	6 MPa	-
3 days	50 MPa	7.1 MPa	-
7 days	55 MPa	8.0 MPa	> 10 MPa
28 days	69 MPa	10.5 MPa	> 15 MPa

PACKAGING

STOCK SIZE	COLOUR
BOSTIK PATCHFIX CONCRETE	
30 Kg	Grey

STORAGE & SHELF LIFE

12 months in original packaging.

GROUT ADMIX

Plasticised Expanding Admixture



DESCRIPTION

Grout Admix is a plasticised Expanding Admixture for cementitious grouts.

AREAS OF APPLICATION

Duct grouting, bed grouting and non-shrink filling in cracks. Jointing structural elements by injection and pressure grouting.

FEATURES & BENEFITS

- For pressure or gravity grouting.
- Gives good flowable cement grout with low water / cement ratio.
- Imparts non-shrink property.
- Chloride and iron free.

APPLICATION PROCEDURE

- Take required amount of water into the mixer and then add cement and sand as required.
- Add 225 gms of Grout Admix per 50 kgs of cement and mix for 5 minutes to get smooth consistency.
- The mixed material to be grouted within 20 minutes of mixing to get full benefit of expansion property.

BOSTIK ANCHOR GROUT

Polyester Resin Based Grout

DESCRIPTION

Bostik Anchor Grout is polyester resin based grout material suitably blended with a hardening compound and fillers and supplied as a pre measured, two part, resin grout. After hardening, the grout has high mechanical properties. Bostik Anchor Grout is used where the difference between the hole diameter and bar diameter is = 25 mm.

RECOMMENDED USES

Bostik Anchor Grout is used for high strength corrosion resistant anchoring of bolts and bars from 12 - 25 mm diameter into concrete, rock, masonry or brickwork where high speed of installation and early application of load is required. Permanent installation of reinforcement starter bars, foundation bolts, base plates, barriers and safety fences, railway tracks, tie-back anchors, reinforcement dowelling abutments, ground anchors for towers, cranes, dock sills.

FEATURES & BENEFITS

- Rapid strength gain.
- Non expansive.
- Vibration resistant.
- Can be placed under water.
- Corrosion resistant.

PERFORMANCE PROPERTIES

Appearance	Brownish grey powder
Chloride content	Nil
Setting time	Does not affect setting time of cement
Expansion	An unrestrained expansion up to 4%

DOSAGE

225 gm per 50 kgs of cement

PACKAGING

225 gms

STORAGE & SHELF LIFE

12 months in original packing.



APPLICATION PROCEDURE

Hole Preparation and formation : Optimum performance of Bostik Anchor Grout requires rough sided, dust free holes. Uses of rotary percussive drills with air or water flushing is recommended. Diamond drilled holes should be under - reamed unless necessary safety factors are incorporated. Cast holes should preferably be inverse dovetail configuration. If parallel sides holes are cast they should be rough to provide adequate keying.

Bar preparation : All bars should preferably be degreased and all flaky rust removed.

Mixing : A complete pack of resin and catalyzed filler should be mixed in one operation. Mixing may be carried out mechanically. When a smooth, even consistency is achieved the grout is ready for use and should be placed well within the get time of the grout.

PACKAGING

1 Kg

STORAGE & SHELF LIFE

6 months in original packing.

BOSTIK ERM

Epoxy Repair Mortar System



DESCRIPTION

Bostik ERM is a three component system based on specially formulated epoxy resins and hardeners, especially for repairs and rehabilitation of concrete structures. Many factors contribute to the damage of the structures like the natural factors, ageing, weathering, earthquakes, fire accidents or exposure to aggressive environment resulting in atmospheric chemical corrosion, faulty design etc. With the help of Bostik ERM, it is possible to repair and strengthen the concrete to a great extent. This product can also be used for sealing of cracks, bonding old concrete to new concrete and for foundation grouting.

RECOMMENDED USES

It is an ideal material recommended for:

- Bridges.
- Highways.
- Airport runways.
- Residential and commercial buildings etc. for various applications as stated above.

ADVANTAGE

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

COVERAGE

Primer E1 - As primer 0.2 Kg / m² / Coat.

Bostik ERM - As mortar 2 - 2.1 kg / m² / mm

PACKAGING

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

PERFORMANCE PROPERTIES

Colour	Natural to off white
Pot life at 27°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

STORAGE & SHELF LIFE :

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



BOSCOPLAST SP300/SP300(A)/SP330

Slump Retaining Superplasticiser, High Range Water Reducing Superplasticiser



DESCRIPTION

BOSCOPLAST SP300 / SP300 (A) / SP330 is a chloride free, high range water reducing admixture. It contains Sulphonated Naphthalene polymers and is specially formulated to impart rheoplastic qualities to concrete.

BOSCOPLAST SP300 / SP300 (A) / SP330 is specially formulated for high degree of workability and slump retention and high quality of concrete of reduced permeability.

BOSCOPLAST SP300 / SP300 (A) / SP330 meets the requirements of ASTM C494 (Type A and G) and BS 5075 for high range water-reducing and retarding admixtures. Also confirms to IS9103-1999.

RECOMMENDED FOR

- All types of concrete mix in which high strength and very high flowability are required.
- Pre - cast concrete.
- Ready - mixed concrete.
- Pumpable concrete.

FEATURES AND BENEFITS

- Very high workability.
- High water reduction or slump retention.
- High impermeability and strength. Improved durability.
- Superior cohesion.
- No segregation even at high workability.
- Excellent concrete quality.
- Low shrinkage and creep better dimensioning stability.

Compressive strength : BOSCOPLAST SP300 / SP300 (A) / SP330 improves compressive strength considerably.

Workability : BOSCOPLAST SP300 / SP300 (A) / SP330 increases the workability of concrete and the retention considerably. Retention depends on the ambient temperature, types of cement, aggregates used, dosage of BOSCOPLAST SP300 / SP300 (A) / SP330 and method of transport. Higher dosages provide longer retention.

Compatibility: BOSCOPLAST SP300 / SP300 (A) / SP330 is compatible with all types of cement, other cementitious materials like PFA, GGBFS and Microsilica, except high alumina cement.

Slump Retention : BOSCOPLAST SP300 / SP300 (A) / SP330 maintains workability of fresh concrete for a predetermined time depending on the dosage.

Cohesion : Improves cohesion & surface finish and minimises segregation.

TECHNICAL SUPPORT

Bostik provides technical service on concrete mix designs and site trials to select the suitable admixture.

PROPERTIES

Supply form	Liquid
Colour	Dark brown
Specific Gravity	1.17 - 1.19

MATERIAL CONDITION

Cement : For optimum performance, always use fresh cement, since the reactivity of cement is reduced with ageing.

Aggregates : Use of properly graded good quality, coarse aggregate and sand helps to achieve higher impermeability and strength.

Dispensing : The addition of BOSCOPLAST SP300 / SP300 (A) / SP330 to a dry mix is not recommended. BOSCOPLAST SP300 / SP300(A) / SP330 can be dosed either at the batching plant or the placing site. At the batching plant, introduce BOSCOPLAST SP300 / SP300 (A) / SP330 at the specified dosage directly into the mixer through a dispenser along with mixing water, when the concrete is thoroughly wetted (i.e. after adding at least 75% of the mixing water) and mix for at least 2 minutes after the addition.

DOSAGE

Dosage depends upon the mix design, the ambient condition and the degree of water reduction and workability required. Typical dosage used is 300 ml to 750 ml per 50 kg of cement. Site trials are recommended to fix the dosage.

PACKAGING

Boscoplast SP300 / SP300(A) / SP330 is available in 250 kg drums or in bulk.

PRECAUTIONS

Health : BOSCOPLAST SP300 / SP300 (A) / SP330 does not contain any hazardous substance requiring labeling. It is safe for use with standard precautions followed in construction industry, such as use of hand gloves, safety goggles, etc.

STORAGE & SHELF LIFE

BOSCOPLAST SP300 / SP300 (A) / SP330 can be stored for 12 months in original packing at temperatures upto 50°C in shaded area.

ACC-CONC

Chloride Free Accelerating, Water Reducing Admixture



DESCRIPTION

To accelerate the setting and high early strength gain of Portland cement without introduction Chloride.

APPLICATION

- Precast concrete.
- Concrete placed in cold weather.
- Concrete for repairs, mortar for bricks.

ADVANTAGES

- Increased workability.
- High early strength.
- Early setting time.
- Good in concreting at low temperature.
- Complies to ASTM C494 Type C

DOSAGE

600ml to 1.5 litres per 50 kg of cement.

SETTING TIME

1 - 3 hours earlier than control.

PACKAGING

20 & 200 litres.

STORAGE & SHELF LIFE

12 months in original packing.



BOSTIK MRA

Mould Release Agent

DESCRIPTION

Bostik MRA is a specially formulated blend of mineral oils and chemicals having release properties which are superior to those of a conventional mould oil. The chemicals react with the alkali in the concrete to form a thin water repellent skin on the surface of the mould, thereby enabling easy stripping from concrete and acting as a protection to steel and wooden form work.

ADVANTAGES

- Ensures easy release, good fair - faced concrete.
- Can be used on all types of form work.
- Minimises surface blemishes and staining.
- Minimises cleaning of shutters before re-use.
- Reduces opportunity of damaged to form work, extending usable life.
- Non -staining: Does not stain concrete and can also be used safely with white cement.

USES

Bostik MRA is used to provide quick, clean and easy stripping of moulds, and formwork and ensure high quality fair - faced and stain - free concrete.

PROPERTIES

Colour	Pale yellow to brown
Specific Gravity	0.71-0.76

COVERAGE

A Coverage of 20 to 60 sq.m per lit is possible depending upon the porosity and texture of mould surface.

PACKAGING

5, 20 & 200 litres.

STORAGE & SHELF LIFE

Bostik MRA as supplied shall be stored in a cool and dry place away from sunlight, fire and moisture and has a shelf life of 12 months in the original packing. Before using, the material should be stirred thoroughly.

BOSTIK CCC

Concrete Curing Compound



DESCRIPTION

Bostik CCC is a wax based concrete curing compound which incorporates a special alkali reactive emulsion breaking system. This system ensures that the emulsion breaks down to form a non penetrating continuous film immediately upon contact with a cementitious surface. This impervious film prevents excessive water evaporation, which in turn permits more efficient cement hydration, thus reducing shrinkage and increasing durability. Once formed, the membrane will remain on the concrete surface until eventually broken down or eroded by natural weathering. Where it is required to apply a further treatment to such concrete surface, it may be necessary to remove the membrane remaining after curing by wire brushing or other mechanical means.

APPLICATION

Exposed concrete slabs : Bostik CCC should be spray applied on to the newly placed slab as soon as possible after it is free from visible surface water, may be 1 to 2 hours after placing.

Shuttered and precast concrete : Bostik CCC should be spray applied to all surfaces as soon as formwork has been removed or the element demoulded.

In all cases the nozzle of the spray should be held approximately 450 mm from the concrete surface and should be passed back and forth to ensure complete and even coverage. The pump pressure should be maintained at a level to produce fine spray.

USES

For curing concrete in all applications wherever required. Recommended areas of use include :

- Pavements, Runways and bridge decks, Chimneys, vertical structures, airports and ports
- Bridge roofdecks, retaining walls, columns, canal linings, dams etc.
- Precast piles and in all not-easily accessible areas of concreting
- Industrial floor slabs, parking and garages, terrazzo floors, warehouses etc.

ADVANTAGES

- Avoids the need for 28 days conventional water curing using hassien, polythene etc.,
- Minimises risk of drying, shrinkage, cracks etc. at early age of concrete.
- Allows complete cement hydration.
- Easy to use and saves on labour costs.
- Free of any Chlorides and does not affect the setting time on concrete.

PROPERTIES

Colour	White
No of components	1
Specific Gravity	0.99 ± 0.02
Minimum hardening temp°C	10

CLEANING

Immediately after use the spray equipment should be cleaned out thoroughly with fresh water. If the spray nozzle becomes blocked with wax particles these can be easily be removed using white spirit, acetone or similar solvents.

COVERAGE

Rate of application depends on requirements but is typically within the range of 200 to 290 ml / sq.m.

PACKAGING

5, 20 and 200 litre drums.

STORAGE & SHELF LIFE

Bostik CCC as supplied shall be stored in a cool and dry place away from sunlight, moisture and high humidity and have a shelf life of 12 months in the original packing. Freezing or prolonged exposure to direct heat or sunlight must be avoided.



FLOWFILL GROUT GP

Cementitious General Purpose Grout



DESCRIPTION

Flow fill Grout GP is a pre-packed cementitious grout requiring only the addition of clean water to produce a multi application non shrink grout at the site.

It is a special and unique blend of cements, micro silica, graded sands, water reducing agents and special auxiliary chemical to deliver expansion in the plastic state to compensate for shrinkage.

Flow fill Grout GP can be mixed in a range of consistencies by varying the amount of water used to produce a fluid to trowelable consistency grouts.

RECOMMENDED USES

- Precast and prestressed panels.
- Grouting in column base, base infilling.
- Filling core holes, rod holes and defects in concrete.
- Fill in grout for hollow block walls.
- Joints between precast panels and other joints.
- Tile slab panels.
- Caulking of joints and pipes.

FEATURES & BENEFITS

- **Non Shrink** :Delivers positive expansion in plastic stage.
- **Non segregation** : Highly stable segregation free grout.
- **Workability** : Can be pumped, trowelled or poured.
- **High early strength**: Ensure rapid installation.
- **Iron free** : No metallic iron is included in the mix as it is capable to introduce future deterioration due to rust expansion.
- **Other features** : Can be blended with clean local aggregate from 6 mm to 10 mm.
- **Chloride free** : Good early strength development without the use of chlorides.

PROPERTIES

Wet Density : 2250 kg / cu. m producing 15 Litres of grout per 30 kg bag at a flowable consistency.

Flowable at 25°C : For a grout head of 250 mm with a gap of 30 mm, it delivers a flow distance of 3 meters.

Setting time : Initial set : 3.5 hours
Final set : 5 hours

Compressive strength : (N / mm²)

Age	Trowelable	Flowable	Fluid
1 day	26	22	15
7 days	56	50	40
28 days	81	61	55

Note : An unrestrained area should be kept to a minimum, otherwise grouting may be obscured.

APPLICATION PROCEDURE

Substrate Preparation : The substrate must be clean, sound and free from oil, grease, curing compound or any loose material. It must be mechanically abraded back to a sound concrete. Bolts or anchor holes must be clean and free from dust or loose material. This can be achieved by blowing clean the hole.

Pre - soaking : It is essential to pre-soak the concrete substrate prior to application of Flowfill Grout GP. Pre - soak substrate with water for a minimum of 6 hours prior to grouting. Immediately before pouring, the excess water should be removed, all water in the anchor and bolt holes must be blown out and no traces of free water present whilst grouting.

Normal precautions for winter working cementitious materials should then be applied. At temperatures below 5°C the cure rate and strength development rate will be dramatically reduced. If early strength is required, It is advisable to use heated water and condition Flowfill Grout GP to 25°C. Do not exceed this temperature.

High temperature working : At temperatures above 30°C, it is advisable to use water below 20°C when mixing grout. All materials must be kept cool and away from direct sunlight with installation area to be shaded by erecting shade screeds. If ambient temperatures are excessive, perform grouting in early morning or late evening.

MIXING

Required Water per 30 kg of Flowfill Grout GP:
For Trowelable consistency - 3.00 ltr.
For Flowable consistency - 4.02 ltr.
For Fluid consistency - 4.98 ltr.

PACKAGING

Flowfill Grout GP is packed in 30 kg. bags

STORAGE & SHELF LIFE

12 Months in original packing.



Our Authorized Distributors



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