



**BOND TUF
CHEMICALS PVT. LTD.**

AN ISO 9001 : 2015 COMPANY

www.bondtufindia.com

1 INTRODUCTION

BONDUF CHEMICALS PVT LTD, was incorporated in the year 2020. With their vast experience in the field of construction chemicals they have developed a new generation of construction chemicals that are in tune to the present day market requirements. BCPL has a comprehensive range that comprises Admixtures Cement additives, solutions for underground construction, repair systems, high performance grouts, expansion control systems, waterproofing solutions, sealants, flooring and tile fixing systems.

2 MISSION STATEMENT

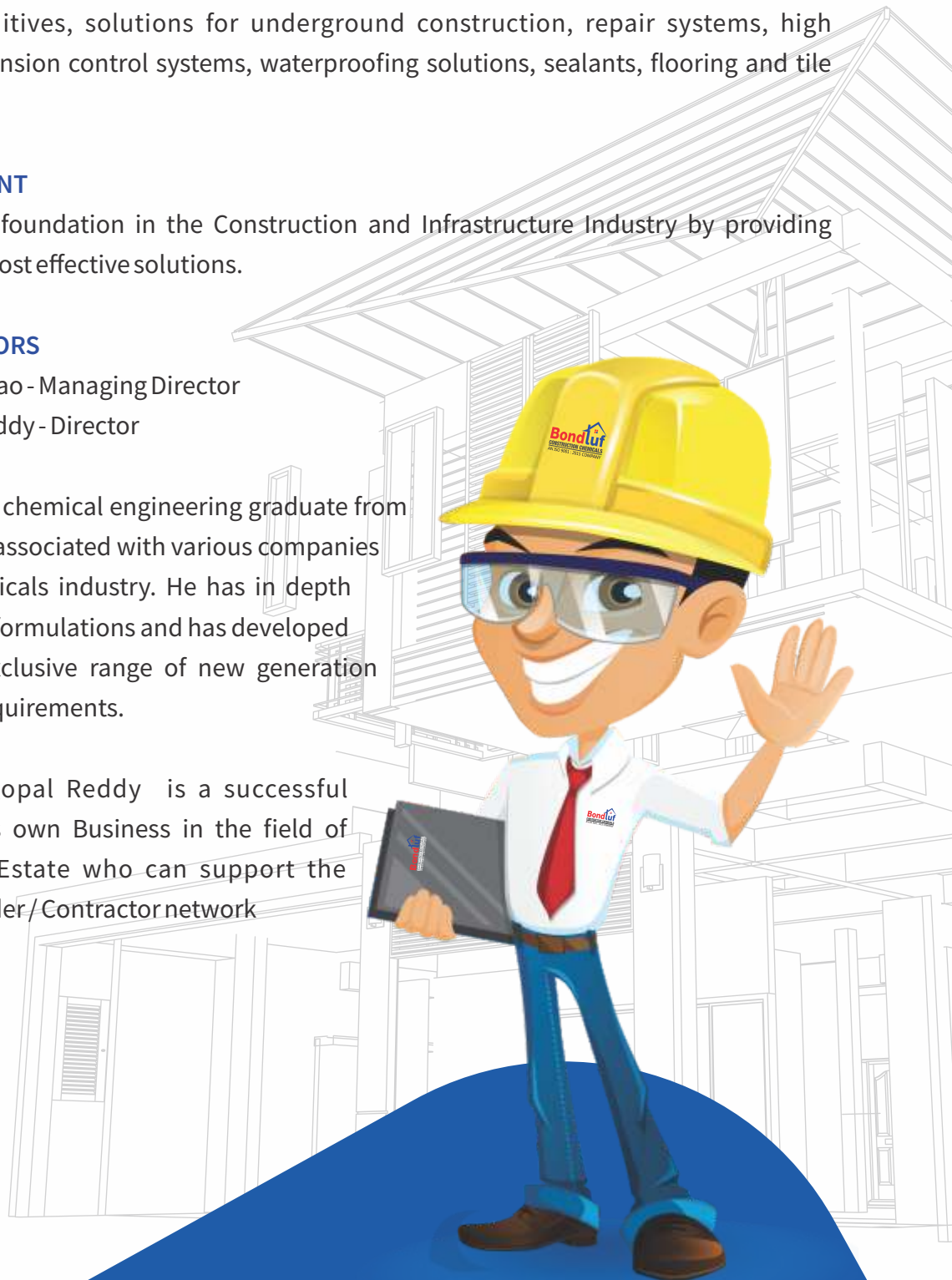
BCPL will build a strong foundation in the Construction and Infrastructure Industry by providing dependable, reliable and cost effective solutions.

3 BOARD OF DIRECTORS

- 1) Mr. Y. Ram Mohan Rao - Managing Director
- 2) Mr. P. Ramgopal Reddy - Director

Mr. Y. Ram Mohan Rao is a chemical engineering graduate from REC Warangal (NITW) was associated with various companies in the construction chemicals industry. He has in depth experience about various formulations and has developed different versions and exclusive range of new generation products to suit today's requirements.

Mr. Pinnamreddy Ramgopal Reddy is a successful entrepreneur running his own Business in the field of construction and Real Estate who can support the company through his Builder/ Contractor network



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WATERPROOFING COMPOUNDS

BONDTUF PROOF LW

Description / Advantages:

It is a liquid integral waterproofing compound based on modified plasticisers. Being a liquid it disperses instantly with gauging water. Improves strength through reduction of water content. Improves workability cohesiveness of mortar & minimises shrinkage cracks. Does not affect the setting time. Chloride free, hence no effect on concrete.

Application: Roof slabs, retaining wall & Cement mortar, Basement raft, sunken slabs, water tanks, Bathrooms & wash areas etc.

Consumption: 200 ml per 50kg cement

How To Use: To be mixed with dosing water.

Pack Size: 1ltr, 5ltr, 20ltr and 240 ltr.



BONDTUF AQUA COAT 1K

Description / Advantages:

Bondtuf Aquacoat 1K is a waterproofing system for cementitious substrates. It is a crystalline capillary water proofing system that contains properly selected and graded inert aggregates and special chemicals. When mixed with water and applied as a brush coat to concrete, it penetrates deeply into the capillaries of the concrete and protects it against the permeability of water ingress.

Application: Water tanks, Swimming pools, Bathrooms, retaining walls, water treatment plants, water holding structures.

Coverage: 1.25 kg per square meter (sq. mt) per coat.

How To Use: 6.5 to 7.0 liters of water to be mixed for 25 kg pack. Mix till a uniform smooth paste is achieved. Apply with a brush on a moist surface; curing is must to obtain best results.

Pack Size: 25 kg.



BONDTUF AQUA COAT 2K

Description / Advantages:

Two component High performance elastomeric cementitious flexible sealing coat, to be used against ground and back Water based on modified acrylic polymer emulsion. Gives excellent waterproofing & UV resistance. Good adhesion on cementitious surfaces. Flexible in nature, can with stand expansion & contractions.

Application: Terrace, Bathrooms, wash Areas, water Tanks, Swimming pools, retaining walls, Basement's Exterior and interior walls.

Coverage: 1 to 1.5kg/sq.mt at 1 mm thickness in two coats.

How To Use: Pour liquid into a container Add 10% of water (2 Ltrs per 20kg pack) and mix slowly with slow speed drill. Add powder to the above mix in small quantities to obtain smooth and uniform paste. On wet surface apply with brush or roller. Keep stirring the mixed material to avoid setting. Apply second coat after 4-6 hours. For protection against physical damage, a mortar screed may be provided.

Pack Size: 20kg.



WATERPROOFING COMPOUNDS

BONDUF HYFLEX

Description / Advantages:

An acrylic modified single component flexible coating system in thixotropic consistency

Application: Can be used over cracks when its width ranges from 0.5mm to 1.5mm also as coating in terrace water proofing and retaining walls.

Coverage: 8. sq. Ft per kg at 1mm thickness

How To Use: The surface over which the materials are to be applied should be free from dust, grease, oil etc.,

Pack Size: 5 kg and 20 kg



BONDUF DAMP COAT

Description / Advantages:

It is a single component ready to use copolymer liquid for damp coating. This is exceptionally good for water proofing systems with high bonding properties. It is also U V resistant and good in crack bridging.

Application: Used internally as well as externally as water proof and damp proof coating. Also as a protective coating on cement surface which gives tough and hard wearing Surface for internal damp walls

Coverage: 1kg per 10 sq. mt at 100 micron thickness depends upon the substrate

How To Use: clean the surface thoroughly, stir well apply two coats of the product at an interval of 4 to 5 hours

Pack Size: 1 Kg, 5 & 20 Kg



BONDUF PU 100

Description / Advantages:

Bondtuf PU 100 is a Single component, long lasting, permanently elastic, polyurethane-based waterproofing coating that may be applied and cured at cold environment. Easy And fast installation, Seamless finish, High UV & whether resistance & long term durability and wear resistant

Application : It can be used as a flexible membrane and coating for exposed roofs, car parking, terrace, retaining walls, watertanks, reservoirs and pipe lines. All wet areas.

Coverage :

Approx 1.5 – 1.8Kg/sq.mt @ 1mm thick in two coats, depending upon site conditions

How To Use: Surface should be clean and free from all traces of dust, loose materials and old coating materials. Do not thin the liquid as it is supplied ready for use. The surface primed and spread it with roller or a notched trowel to cover all surface. Apply in a thin continuous layer over the area to be waterproofed. Apply second layer 12 hours after the first layer application (this period should not exceed 36 hours).

Pack Size: 5 & 20 Kg



REPAIRS AND REHABILITATION AGENTS

BONDTUF CRETE REPAIR (SBR & ACRYLIC)

Description / Advantages: Bonding and Hardening agent based on modified Acrylic & SBR Latex emulsion for concrete and mortar. Excellent bonding to concrete, plaster and masonry works. Designed especially to use as a bonding agent and gauging liquid for cementitious system. Increases compressive and flexural strength as compared to reference mix. Reduces the permeability hence makes mortar more water tight. Can be used as a waterproofing coat. Prevents leakage & dampness.

Application: As a bonding agent for concrete and cement mortars.

Consumption:

8-10 Kg. per 50kg cement, for polymer modified mortar 4-5 kg. Per 50kg cement.

How To Use: For structural repairs 8-10 Kg. per 50 kg cement and for polymer modified mortar 4-5 kg .per 50kg cements. As a bonding agent apply directly 1:1 with cement 4-5m²/coat for bonding coat.

Pack Size: 1, 5, 20 and 240 kgs.



BONDTUF CONCRETE BOND

Description / Advantages: Two component solvent free epoxy resin based bonding agent. Gives extended pot life. Develops high flexural and tensile strengths. Easily applied as a bonding agent for old to new concrete. Helps in repair and extension of structural concrete.

Application: Used for bonding old concrete to new concrete.

Coverage: 40 to 45 sq. ft. per kg depending on Surface.

How To Use: Area should be free from dust, oil. Do not apply in wet condition. Mix base & hardener thoroughly until a uniform mix is obtained. Apply with brush to the prepared surface. New concrete should be placed within 3hours after applying Bondtuf Concrete Bond when it is a tacky condition .

Pack Size: 1 and 5kg



BONDTUF CRACK FIL

Description / Advantages: Single component cementitious modified polymer Powder . Used for filling and repairing cracks- both internal and external. Excellent adhesion and high strength mortar.

Application: Repairing of all types of cracks (internal & external). Used as a thin plaster coat to even out surfaces.

Consumption: 1 to 1.5kg/sq.mt at 1 mm thickness in two coats.

How To Use: mix 3.5 to 4 volume s of powder to one part of water to get a stiff consistency.

Pack Size: 1kg



BONDTUF CRACK SEAL

Description / Advantages: An acrylic modified single component flexible sealing and filling material in thixotropic consistency

Application: Clean the joints, cracks, gaps from dust, oil, grease and loose particle, pre wet the crack with water for porous surfaces. Fill the joints, cracks, gaps by putty knife or spatula. Avoid formulation of bubbles or cavities while applying. After application leave the surface for at least one day. Fill the Crack second time with Bondtuf Crack Seal if shrinkage is noticed. Allow it to dry for 1 to 3 hrs. before painting work is taken up.

Consumption / Coverage: 6 to 7 sq. mt. Per kg for 6mm groove.

How To Use: Mix thoroughly and apply by spatula or putty knife.

Pack Size: 1 kg



REPAIRS AND REHABILITATION AGENTS

BONDTUF PLUG

Description / Advantages: Multipurpose rapid setting instant plugging mortar. Sets rapidly on contact with water. Hardens instantly under continuous wet conditions. Can stop the leaking/dripping water until the final repairs are carried out. Chloride free.

Application: Used in all areas where quick setting is required. All plugging works, quick repairs of concrete, screed, plaster, brick work. For stopping leakages in tunnels, cellars, pits, sewerage systems etc.

How To Use: Mix 3 parts of Bondtuf plug with 1 part of clean water make dough and press with hand for 2 minutes in the place.

Pack Size: 1 and 5Kg



BONDTUF REPAIR UW

Description / Advantages : Two component epoxy Resin system which sets under water. Gives excellent compressive and tensile strength.

Application: As a bonding agent for concrete to concrete, steel to concrete and steel to steel under water leakages through structures like pipe line above and under water .can be used as a crack filling material internally & externally.

Consumption / Coverage: Depends on application.

How To Use: Mix base & reactor thoroughly and apply.

Pack Size: 1Kg and 2.5 kg



BONDTUF RM 100

Description / Advantages: It is general purpose cementitious repair mortar specifically designed for vertical repair work. Compatibility with Concrete 30-35 N/mm² Compressive strength.

Application: It can be applied in sections upto 70 mm thickness in vertical locations and upto 60mm thickness in overhead locations in a single application without the use of form work. can be applied quickly and efficiently by wet spraying.

Consumption / Coverage: 2m² at 10mm thickness per 25kg pack

How To Use: Clean the surface and remove any dust, plaster, oil, paint, grease, corrosion deposits. Roughen the surface to remove any laitance and expose the fine aggregate by light scabbling. All the areas where Bondtuf RM 100 to be applied should be thoroughly soaked with clean water.

Apply the mixed Bondtuf RM 100 to the prepared substrate up to 10 mm thickness, by trowel. Apply with minimum working and let the mortar settle before final trowelling for smoothness. Do not execute when rainfall is expected unless the surface is protected.

Pack Size: 25 kg.



REPAIRS AND REHABILITATION AGENTS

BOND TUF ACRYCRETE

Description / Advantages:

It is a single component acrylic based repairing and water proofing system. It is having superior water proofing and bonding property also UV resistant and crack resistant.

Application: This is used as water proof coating, admixture in repair mortar, an injection into concrete and also used as screed.

How To Use: a) As water proof 2kg cement +1 kg Bondtuf Acrycrete . b) As repair mortar 20 kg cement+30kg sand +3 kg Bondtuf Acrycrete +2ltr water

C) As Injection 2kg cement +1kg Bondtuf Acrycrete. d)As a screed 3kg cement +5kg sand +1kg of Bondtuf Acrycrete

Pack Size: 1,5 & 20 Kg



BOND TUF POLY SEAL (PG & GG)

Description / Advantages:

It is two component, gun & pouring grade polysulphide sealant forms a tough, elastic rubber like seal.

excellent movement accommodation adhesion to most common substrates including primed concrete, glass aluminium and stainless steel.

Coverage: Poly Seal - L = $\frac{650}{W \times D}$

L in Running metres, W & D are in mm

Application: Sealing of expansion, contraction & construction joints in building structures such as basements, subway, retaining walls and floors, external wall and claddings of high rise building roof ferraces and ceilings.

Pack Size: 4Kg Tin



ADMIXTURES AND CONCRETE TREATMENT

BONDTUF PL

Description / Advantages: Chloride free water reducing and plasticizing admixture based on ligno sulphonate. Gives concrete improved quality and Strength workability can be enhanced at low dosage. Saves cement without loss of strength and workability.

Application: Can be used for structural concrete where improved quality and density are required.

Consumption: 150-200 ml per 50 kg cement (Dosage depends on desired properties)

How To Use: to be mixed with dosing water.

Pack Size: 5, 20 & 240 Kg.



BONDTUF SPL 1

Description / Advantages:

Chloride free water reducing and plasticizing admixture based on SNF. Makes mix pumpable/ flowable . Gives high early and final strengths. Helps in water reduction without loss of workability.

Application: Can be used for speedy construction of structures. Helps in pumping of concrete.

Consumption: 300-700ml. per bag of 50kg cement depends on the mix design.

How To Use: To be mixed with dosing water.

Pack Size: 5, 20 & 240Kg



BONDTUF SPL 2

Description / Advantages:

High Early strength super Plasticiser, Aids high workability, Cement saving without loss of workability or strength And Helps early demoulding.

Application:

Can be used in precast and pre stressed Concrete industry while manufacturing structural elements.

Consumption: 300-700ml. Per bag of 50kg cement depends on the mix design.

How To Use: To be mixed with dosing water.

Pack Size: 5, 20 & 240Kg



BONDTUF RPL

Description / Advantages:

Water Reducing and Retarding Admixture. Delays setting time to avoid Cold joints and crack formation. Slump retention can be prevented over extended period of time.

Application: Can be used for mass concrete works and for ready mix concrete. Suitable for slip forming structures like chimneys, cooling towers, silos etc..

Consumption: 250 to 500 ml per bag of 50 kg cement.

How To Use: To be mixed with dosing water.

Pack Size: 5, 20 & 240Kg



ADMIXTURES AND CONCRETE TREATMENT

BONDUF PC1

Description / Advantages: Bondtuf PC1 is Low Viscosity, Super plasticizer based on carboxylic ether polymer with long lasting chain. This greatly improves cement dispersion. It considerably reduces the water demand in flowable concrete. It allows the production of high performance concrete.

Application: Can be used for Self-compacting concrete, Pumped concrete, Concrete requiring long workability retention and high performance concrete.

Consumption: Dosage range is between 0.3% to 2.0% by weight of Cement

How To Use: To be mixed with dosing water.

Pack Size: 20 & 240 Kg



BONDUF PC2

Description / Advantages: Bondtuf PC2 is advanced, Low Viscosity, High Performance Super plasticizer based on Poly carboxylic. It is intended for applications where high water reduction and long workability retention are required. A great adhesion for reinforcing. Viscosity is low and suitable to pump for high raised apartments. Good resistant for carbonation and aggressive atmosphere.

Application: Can be used for Self-compacting concrete, Pumped concrete, Concrete requiring long workability retention and high performance concrete.

Consumption: Dosage range is between 0.3% to 2.0% by weight of cement

How To Use: To be mixed with dosing water.

Pack Size: 20/240 Kg



BONDUF APL

Description / Advantages: It is a chloride free accelerating Plasticizer for Concrete. It will accelerate the initial setting time. Also helps in quick demolding. It provides rapid early strength of the concrete.

Consumption: 0.5 to 1.2 litre per 50 kg cement.

Application: Used in prestressed and precast concrete industry. Good for concrete in cold weather conditions

How To Use: To be mixed with either dosing water or added to wet mix.

Pack Size: 5, 20 & 240Kg



ADMIXTURES AND CONCRETE TREATMENT

BONDUF AC COAT

Description / Advantages:

It has anti carbonation properties. It is an excellent weather Resistant and water proofing, nontoxic and non flammable. It forms flexible film, excellent bond and also anti fungus. Single pack and brush applied.

Application: Used as waterproofing and decorative coating on all external surfaces which are exposed to weather.

Coverage: Approx. 4-5 Sq. mt per kg for two coats depending on substrate.

How to use: On a well prepared sound surface free from oil and grease apply a primer coat of BONDUF AC COAT diluting with water in the ratio of 2:1 and brush apply. Once the primer coat is touch dry apply one more coat of BONDUF AC COAT

Pack Size: 5kg & 20kg



BONDUF RUST CLEANER

Description / Advantages:

It is a single component economical rust release for pre-treatment of iron. It cleans rust easily and also economical.

Consumption / Coverage: Depends on application.

Application: Used as cleaning agent for iron bars, MS sheets etc.,

How To Use: Apply by brush/spray and rub vigorously with wire brush after five minutes.

Pack Size: 1 and 5 Kg



BONDUF MOULD OIL

Description / Advantages:

It is an impregnation Oil for mould release. Suitable for all kinds of form works. It can be used with steam curing. Non staining, eliminates discoloration, associates with poor materials and gives high quality finish.

Application: Can be used for all types of form works like steel & wood.

Coverage: 1 Litre Covers 25 sq. mt on timber and 35 sq. mt on steel.

How To Use: To be applied by brush or spray.

Pack Size: 5, 20 & 210 Ltrs.



ADMIXTURES AND CONCRETE TREATMENT

BONDTUF CURE AW (ACRYLIC & WAX BASED)

Description / Advantages : It is a liquid Membrane curing compound for concrete based on Wax and acrylic resin. Should be Single application by brush or spray on fresh concrete to prevent water loss. Eliminates curing where difficult to reach and where water scarcity is there.

Application: Can be used for vertical concrete structures and columns, pavements, slip from structures like chimneys, cooling towers and silos, mass concrete areas, runways and bridge decks, canal linings etc.

Coverage: 60 sq. ft. per KG. in single coat.

How To Use: Spray or brush application on freshly laid concrete.

Pack Size: 5, 20 & 240 Kg



BONDTUF STAIN CLEANER

Description / Advantages : Liquid cleaning and acid etching agent. Concrete stains, cement dust can be removed. Cleans concrete surface and provides key to application of coatings or repairs systems. Cleans tools and equipments also.

Application: Can be used for removing concrete stains and cleaning of tools. Can be also used in food industry as a cleaning agent on ceramic tiles, granite stones.

How To Use: To be rubbed with cloth or sponge.

Pack Size: 5, 20 & 240 Kg



BONDTUF RMP

Description / Advantages : It does not have sand, silt or mud which obstructs plastering & the plaster quality. With even quality, time saving & least rebound loss. Also water proof, rebound loss ready mix plaster applied walls are stronger, looks nice and binds better.

Application: Inner/outer brick works, block & stone walls, plastering of sealing/roof, column beams and all concrete surfaces.

Coverage: Under normal conditions of coverage approx. 20 - 25 S.ft with an average thickness of 12 mm per bag of 40 Kgs

How To Use: The surface should be free from dust, grease ,oil etc, if the surface is dry, it should be wetted with clean water.

Prepare plaster by mixing water per every 40Kg bag. Use of mechanical mixer-electrical agitator is recommended for better results. Mixing should be done for 5-10 minutes depending upon the speed of the mixing equipment. After mixing the plaster, leave it for 5 minutes and mix it once again just before use. The correct ratio of water and ready mix plaster is essential for good results. It should be applied after one hour of preparation. Surface should be rough and if it is smooth made rough with comb. For better stocking. Should be applied with hand trowel and shouldn't have direct exposure to wind and rain during its application

Pack Size: 40kg



FOUNDATION GROUTS AND FLOOR HARDENER

BONDTUF GROUT GP1

Description / Advantages: Cementitious Non shrink, free Flow grout. Strength of M 50 grade can be achieved which cannot be matched by sand/cement grouts. Ready to use addition of specified quantity of water and mix mechanically. Controlled expansion ensures surface contact area of 100% below base plates of machinery.

Consumption / Coverage: 2180 kg/cum

Application: Can be used in construction grouting, deep anchors, bolt pockets, machine turbines, DG sets, transformers etc.

How To Use: Mix 4.5 litres of water per pack of 25kg grout at a water powder ratio of 0.18

Pack Size: 25Kg



BONDTUF GROUT GP2

Description / Advantages : Cementitious Non shrink, Free Flow Ultra High Strength Grout. Gives strength of M70 grade, Controlled expansion to ensure 100% contact area under base plates after setting. Needs only addition of specified quantity of water and mixing mechanically.

Application: Can be used for Machine base plate grouting, DG sets., Pumps, turbo generators, crane rails turbines steel rolling machine etc., can with stand static & dynamic loads

Consumption / Coverage: 2210kg/cum

How To Use: Mix 4.25 litres of water per pack of 25 kg grouts at a water ratio of 0.17.

Pack Size: 25kg



BONDTUF GROUT GP3

Description / Advantages: Cementitious Non shrink, Free Flow Ultra High Strength Grout, gives strength of M90 grade. Excellent non shrink property, Excellent high initial and final strength, it has special additives and graded Minerals. which are compatible with concrete substrates.

Application: Heavy duty foundations. Base plates and bolt pockets of turbo generators Columns & precast Concrete structures, Diesel generator sets, cement/ textile/paper mill machinery, steel rolling mill beds. Crane and transport rails Concrete anchors Cavities, gaps and recesses can withstand static & dynamic loads

Consumption / Coverage: 2300kg/cum

How to use: Mix 4.25 litres of water per pack of 25 kg grouts at a water ratio of 0.16

Pack Size: 25Kg



BONDTUF GROUT MIX

Description / Advantages :

It is a Single component additive for cement water slurry. It will allow controlled expansion while pressure grouting.

Application : For Pressure Grouting/Injection Grouting

Consumption : 225gms per bag of 50 kg cement.

How To Use : To be added with cement.

Pack Size : 225gms



FOUNDATION GROUTS AND FLOOR HARDENER

BONDTUF GROUT EP1

Description / Advantages:

It is a two component low Viscosity Epoxy Resin Injection Grout. It has very high flowability and excellent bond strength.

Application: It can be applied as crack injection and for filling cold joints. It can also be used for filling base plates and bolt pockets with gap less than 10 mm.

Consumption / Coverage: 1.08 kg of the material to fill up 1000CC.

How to use: Mix base & reactor thoroughly & see that the mixed material is injected well.

Pack Size: 1 and 3 Kg.



BONDTUF GROUT EP2

Description / Advantages :

Three component – Low exotherm epoxy Resin Grout. Can be installed rapidly and has very high strength can be developed. It is also chemical resistant, non shrink agent and develops good bond strength

Application: Can be used as a free flow grout where mechanical properties and chemical resistance of high order are required.

How To Use: Mixing of the base, reactor and filler has to be done by a mechanical mixer .Material has to be used within the pot life.

Pack Size: 1 and 3 Kg



BONDTUF POLY GROUT

Description / Advantages:

Bondtuf Poly Grout is Single Component Foam Injection Grout to Stop Drip Leakages. It is a multipurpose hydrophilic polyurethane injection resin which reacts with available water to initiate expansion in the product to seal leaking cracks and joints in concrete and fill voids in generally in accessible locations.

Bondtuf poly grout is having high tensile adhesion expands up to 25 times in initial volume, rapidly forms a highly flexible seal that allows movement to the crack, fracture or joint.

Application: Sealing against water ingress , leaking cracks and joints, for void filling, back grouting Bondtuf poly grout is an excellent product.

Pack Size: 20Kg Tin



BONDTUF LOCKSET

Description / Advantages:

It is a polyester resin anchor grout specially made to give an excellent Anchorage. It sets very fast and gains strength very rapidly even in under water. It is also excellent chemical resistant against acids and alkalise.

Application: Rock bolting. Fixing of foundation bolts, machinery base plates, Reinforcement starter and extension bars, Load bearing anchorages like attachment of machinery equipment, structures etc., against movement.

How To Use:

To be mixed with mechanical mixer until a uniform mixture is obtained.

Pack Size: 1 Kg



FOUNDATION GROUTS AND FLOOR HARDENER

BONDUF FLOOR HARDENER (METALLIC & NON METALLIC)

Description / Advantages: It is a Metallic & Non metallic concrete floor hardener for very high abrasion resistance flooring. It provides a very high abrasion resistance surface to concrete floors by dry shake on system and to ensure hard wearing surface. Bonds immensely to the base concrete Surface.

Application: Suitable for all industrial areas subjected to heaviest traffic, shop floors, heavy engineering industries, ramps, trucking lanes etc.

Consumption: Light duty 3kg/sq.mt, Medium duty 5kg/sq.mt, Heavy duty 7kg/sq.mt

How To Use: To be used as a dry shake by spreading on freshly laid concrete surfaces.

Pack Size: 25Kg



BONDUF SFMC

Description / Advantages: Shrinkage compensated polymer modified free flow super fluid Micro Concrete.

Application: As a repair concrete for filling large volumes where compaction and vibration of concrete is made difficult by the location and congestion of reinforcement or shuttering.

How To Use: 3.5 Litres of water is to be added per 25 kg bag of Bondtuf SFMC

Pack Size: 25Kg



EPOXY COATINGS AND SCREEDS

BONDUF EPOXY COAT 201

Description / Advantages: Solvent free two component Epoxy resin based food Neutral coating. Develops high hardness and abrasion resistance with good viscous elasticity. Excellent resistance to weather, Sea water acid alkalis and solvent. Steam blasting can be used for cleaning ,coating. Can be applied by brush (or) roller.

Coverage: 4 to 5 m² per kg at 200 micron thickness

Application: used as floor and wall coating on surfaces which are chemically and mechanically loaded as well as in nuclear power station with good decontamination ability. Used for coating for cement bounded surfaces.

How To Use: Mix base and reactor thoroughly with a mechanical stirrer at an RPM of 300 to 350. Can be applied by standard paint brush or roller

Pack Size: : 1 & 5 Kg



BONDUF EPOXY COAT 202

Description / Advantages: Solvent based two component Epoxy resin based coat for iron and Steel. Good viscous elasticity with high hardness and wear proof strengths. Optimum protection from corrosion. Resistance to acids, water, mineral oil and solvents. Excellent adhesion to iron and steel with good bond strengths.

Application: Used as an active corrosion proof coating for iron and steel surfaces. Can be used for structural steel in chemical process plants, machinery, internal and external tanks surface coating etc.

Coverage: 6 to 8 m² per kg. at 80 micron thickness

How To Use: Mix base and reactor thoroughly with a mechanical stirrer at an RPM of 300 to 350. Can be applied by standard paint brush or roller

Pack Size: 1 & 5 Kg



EPOXY COATINGS AND SCREEDS

BOND TUF EPOXY COAT 203

Description / Advantages :

Solvent free, two component high build epoxy resin system, specially designed for high chemical resistance. Develops high hardness and abrasiveness with good viscous elastic property. Outstanding for its excellent resistance to organic and inorganic acids, alkalis, mineral oil and other solvents.

Application: can be used as the wall and floor coating in chemical industry, battery rooms, Hospitals and sewage treatments plants etc.

Consumption / Coverage: 3 to 3.5 sq mt per kg at 300 micron thickness

How To Use: Mix base and reactor thoroughly with a mechanical stirrer at an RPM of 300 to 350. After that it can be brushed by standard paint brush



BOND TUF PRIMER SB 204

Description / Advantages :

Solvent based two component epoxy resin impregnating coat for concrete and screed surfaces for protection against light and medium.

Application:

Used to seal and impregnate cement bound surface like old concrete, finished screeds etc.

Coverage: 7 to 8 sq. mtr per kg @75 micron thickness

How To Use: Mix base and reactor thoroughly with a mechanical stirrer. It can be brushed by standard paint brush or roller after cleaning the surface thoroughly.

Pack Size: 1 & 5 Kg



BOND TUF PRIMER SF 205

Description / Advantages: Solvent free low viscous two component epoxy resin Primer . Weather resistance as well as resistant again leaches, acids lubricating oils and fuels etc. Develops high hardness and abrasive resistance

Coverage: 7 to 8 sq mt per kg at @ 75 micron thickness.

Application: can be used as a primer coat for floor coatings and epoxy screeds.

How To Use: Mix base thoroughly with a mechanical stirrer. It can be brushed by standard paint brush after cleaning the surface thoroughly

Pack Size: 1 & 5 Kg



BOND TUF EP ZR

Description / Advantages:

Two component Zinc Rich Epoxy Resin Primer, Optimum protection from corrosion provided by Excellent adhesion to iron and steel. Can be applied by brush or Roller .

Application:

Used as Primer coating to protect iron and steel surfaces from corrosion.

Coverage: 1 kg Bondtuf EP ZR covers 5 Sq. mtrs at 100 micron thickness

How to use: Mix base and reactor thoroughly with a mechanical stirrer at an RPM of 300 to 350. Can be applied by standard paint brush or Roller

Pack Size: 1 & 5 Kg



EPOXY COATINGS AND SCREEDS

BONDUF EPOXY COALTAR 206

Description / Advantages: Two component coaltar modified with epoxy resin system to stop the rusting and corrosion of all metal and concrete surfaces. Also a protective coating in any situation where heat radiation can cause damage to the substrates. It is immune to attacks by alkalinity or sulphides / sulphates in the boiled water, high adhesive strength, low shrinkage during curing. High resistant to most chemical environment.

Application: Used particularly in areas subjected to aggressive environments such as sewerage and effluent treatment plants

Coverage: 60 to 70 Sq. ft per kg at 100 microns thicknesses.

How To Use: Can be applied by spray, brush or roller after mixing the base and reactor thoroughly

Pack Size: 1 & 5 Kg



BONDUF EPOXY SL

Description / Advantages: Solvent free pigmented self levelling pourable Casting coat for concrete floors. It provides seamless floors which are dust free and hygienic. It is an excellent chemical and weather resistant.

Application: Mainly used on floors where high degree of cleanliness and hygiene are required. Used for hospital clean rooms, electronic assembly areas, food and chemical plants and distilleries.

Coverage: 4 sq mts per 14 kg pack at 2mm thickness

How To Use: Mix base and reactor, add filler & mix it thoroughly. Spread the mixture on the primed floor, trowel to desired depth & finish.

Pack Size: 14 Kg



BONDUF EPOXY MORTAR

Description / Advantages : It is a solvent free low viscous epoxy Resin flowing mortar. It develops high hardness and wear resistance. Superior resistance to chemicals, water, sea water, mineral oils & solvents.

Application: This can be used as chemically and mechanically high strength flowing mortar for concrete screeds in industries, storage halls, breweries and on loading bays.

Coverage: 2.5 sq.mt per 16Kg pack at 3mm thickness, 1.5 sq.mt per 16Kg pack at 5mm thickness

How to use: The hardener and the filler are slowly poured into the container while the mechanical stirrer is being used for mixing. Spread to uniform thickness on the primed surface using steel trowel

Pack Size: 16 Kg



BONDUF EPOXY MORTAR HD

Description / Advantages : It is trowellable solvent free low viscous chemical and abrasion resistant Epoxy Resin floor screed. The cured screed is hard & abrasion resistant with excellent adhesion to prepared concrete substrate. Superior resistance to chemicals, water, sea water, mineral oils & solvents.

Coverage:

2.3 sq.mt per 16 Kg pack at 3mm thickness, 1.4 sq.mt per 16Kg pack at 5mm thickness

Application:

Major areas of Cement bonded floors in heavy industry, chemical industry, ramps etc.

How To Use: The hardener and the filler are slowly poured into the container while the mechanical stirrer is being used for mixing. Spread to uniform thickness on the primed surface using steel trowel

Pack Size: 16 Kg



EPOXY COATINGS AND SCREEDS

BONDUF EPOXY COAT 209

Description / Advantages: It is a two component water based epoxy coating system with food grade properties. When applied develops high hardness and abrasion resistance with good viscous elasticity. Forms thick layer and with stands negative water pressure after application.

Application: Used as well & floor coating in water tanks, reservoirs etc where ever food grade properties are desired.

Consumption / Coverage: 1kg per 10 sq. mt at 100 micron thickness

How To Use: Mix base and reactor thoroughly with mechanical stirrer at n RPM of 300 to 350, after that it can be applied by standard paint brush or roller.

Pack Size: 10 & 100 Kg



BONDUF EPOXY PUTTY 207

Description / Advantages: It is a three component product based on epoxy resin putty. Very easy to apply and chemical resistant. Very good adhesion to concrete and steel surfaces. It is applied directly to concrete for filling cracks, blow holes, making good slightly damaged concrete, eliminating minor irregularities on floors and walls

Application: The surface should be free from dust, grease, oil etc, Using a slow speed drill with a suitable mixing paddle, mix base, hardener components and add the filler in small quantities to get the required consistency. All components should mix properly. Can be applied with trowel or spatula.

Consumption / Coverage: Depending on the substrate conditions the coverage may vary

Pack Size: 1 & 5 Kg



TILE AND STONE FIXING ADHESIVES

BONDUF FIX - A - TILE

Description / Advantages: It is an universal adhesive and filling mortar for tile fixing. It is cement based polymer modified adhesive for fixing tiles. Suitable for bonding of different construction materials in exterior and interior areas and also a water and frost proof material.

Application: To fix tile on tiles, marbles, mosaic and concrete floor etc.

Consumption / Coverage: 3 kg per sq mt at 3 mm thickness

How To Use: Mix 3 parts of tile adhesive with one part by volume of water to a stiff consistency and leave for 10 minutes. Remix and use

Pack Size: 20 Kg



TILE AND STONE FIXING ADHESIVES

BONDUF FIX-A-MARBLE

Description / Advantages: Bondtuf Fix-A- Marble is a white cement-based high strength, fast set, marble adhesive for the fixing of marble and granite stones on the floors and walls. It can be used for Interior and exterior application. It does not discolour marble. Suitable for wall and floor.

Consumption / Coverage: Under normal conditions of coverage approx. 7 Sq. mt per 25Kg bag at 3mm thickness.

Application: Can be used per fixing marbles / granite on Concrete screeds surfaces.

How To Use: Spread adhesive using a notched trowel to a minimum bedded thickness of 3 mm to 6 mm on floors. Press marble firmly into wet adhesive with a twisting action. Use a rubber mallet to bed marble. Clean excess adhesive off the surface once marble are firmly set using a damp sponge. Once the adhesive has hardened, only mechanical removal is possible. Adhesive must be allowed to dry for 6 hours for final setting time Mix the required quantity only, enough to be used within 60-minute pot life

Pack Size: 25 Kg



BONDUF TILE GROUT

Description / Advantages : Non shrink crack resistance polymer based pigmented cementitious tile joint filler

Application: joint filling of tiles, to match colour of tiles, either by using same, or contrast colour

Consumption / Coverage: 120 sq ft per kg at 3mm width 12*12

How To Use: Mix 3 parts of tile mate with one part by volume of water to a stiff consistency and leave for 10 minutes. Remix and use

Pack Size: 1 Kg



BONDUF TILE GROUT EP

Description / Advantages: Three component chemical resistant epoxy resin based tile joint filler for floor and wall tiles

Consumption / Coverage: 120 sq. ft per kg at 3mm with for 12X12 tile

Application: Can be used as a tile joint filler in industrial floor, laboratories, hospitals. Can be used where acid resistant tiles are used

How To Use: Mix base, hardener and filler with a mechanical stirrer and fill in the tile joints.

Pack Size: 1 Kg



BONDUF BLOCK ADHESIVE

Description / Advantages: Specially designed to provide stronger, much more durable bonding between the blocks with superior adhesive strength. It replaces conventional (cement and sand mix) mortar. It is self curing and no additional water curing is required.

Consumption / Coverage: Under normal conditions of coverage approx. 12 sq. mt with an average thickness of 3mm per bag of 40 Kgs. (Block size 600x200x150mm)

Application: Fly ash bricks, cement blocks, hollow blocks, AAC blocks, pre stressed concrete slabs, panels/parapet walls/jointing of cement windows and door frames/ garden boundary walls

How to use: The surface of masonry units should be slightly wet prior to application of Block Adhesive. Apply a thin uniform layer of Bondtuf Block Adhesive, 3- 4mm thick, on the clean & leveled surface of masonry units using proper trowel. After placing the first units apply Bondtuf Block Adhesive of same thickness on both sides of the unit, keeping continuous checks for the line and level

Pack Size: 40 Kg





BONDUF CHEMICALS PVT. LTD.
(AN ISO 9001 : 2015 COMPANY)

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