

# Blato

Modern Building Chemicals  
الشركة الحديثة لكيماويات البناء

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## PRIME FIX-C1

### Description:

is a premium quality, thin and thick bed cement based ceramic tile adhesive for bonding most types of tiles to rigid masonry substrates .It is based on high resistance cement, selected aggregates, and chemical additives which give excellent bonding, workability and resistance to ageing.

complied with - European Norm : EN 12004 : 2007 Class C1T and American standard ANSI 118.1A

### Uses:

- laying ceramic (glazed, terracotta) and natural stone tiles on dimensionally stable substrates such as: concrete, cement screeds, cement or cement and lime plasters.
- Used for installation of small and medium size ceramic tiles .
- floors and walls both internal and external application.
- Tiling on cementitious waterproofing material

### Coverage:

about 3-5 kg of Prime fix-c1 per m2 but it depends upon the applicator and thickness of the mortar bed required.



## BLATO C2-FIX

### Description:

Description: is a high strength, high performance, cementitious, water resistant, and single component tile adhesive. It is designed simply to mix with water to give strong, non-slip, extended open time, and highly workable adhesive mortar for both interior and exterior applications.It is formulated to comply with European Norm : EN 12004 : 2007 Class C2TE and American standard ANSI 118.4A

### Uses:

- Thin or thick bed fixing of all types of ceramic, mosaic, vitrified, porcelain, terracotta, slate, quarry, natural stone, granite and marble tiles .
- fixing wall tiles onto flexible building boards such as fiber cement sheet, plasterboard and old tiles.
- both walls and floors, in interior and exterior applications.

### Coverage:

about 3-5 kg of Blato C2-Fix per m2 but it depends upon the applicator and thickness of the mortar bed required.



## BLATO TILE GROUT

### Description:

is a professional quality, cementitious polymer modified grout for walls and floors. It is formulated to provide smooth Finish Grout, easy to clean off and dries to a very hard finish. It is complied with European Norm : EN 13888 CG2AW and ANSI 118.6

### Uses:

- filling joints in ceramic, porcelain, natural stone, mosaic, marble and quarry tiles on stable substrates, in places where chemical resistance of the joints is not required.
- It is used in domestic floor and wall tiles and also in other areas like commercial establishment, interiors, exteriors, dry areas, bakeries, super markets, showrooms, hospitals, hotels, restaurants, etc.
- Due to it is Highly water resistance it is recommended for swimming pool, showers and wet areas.
- It is suitable for joints up to 7mm

### Coverage:

Depending on joint dimensions



## BLATO GROUT CLEANER

### Description:

is a blend of special chemicals, detergents and inhibitors

### Uses:

- Cleaner for cement stains and dirt resulting from installation process of ceramic and porcelain.
- Cleaner for accumulated dirt on the floors due to use in kitchens and bathrooms.

### Coverage:

Depending on surface condition.



## LATEX BOND-100

### Description:

is a synthetic liquid emulsion with a specially modified polyvinyl acetate copolymer which formulated for use in buildings as general purpose adhesive, additives to cement mortar and plasters.

### Uses:

- used as a bonding admixture for Plaster over concrete .
- used as a surface bonding primer between old and new concrete, as a dust proofer and for concrete repairing
- As an additive in mortars for tiling over concrete, render, block work and rendered brickwork surfaces.
- Sealer coat prior to painting with water based paints.

### Coverage:

- If Latex Bond-100 is used as a primer, coverage is 6-8 m<sup>2</sup> / liter.
- If Latex Bond-100 is used as an admixture for traditional cement plaster, screed and mortars the added quantity is about 15-20 liter of Latex Bond-100 for 50 kg cement



## BOND-200 SBR

### Description:

is a single component emulsion of styrene butadiene co-polymer based latex, specially developed to improve the properties of cementitious compositions. When used in combination with standard quality of ordinary Portland cement enhances the mechanical properties such as bonding (adhesion) with various building materials, flexural, compression and impact strength.

### Uses:

- Water-resistant rendering for interior or exterior walls or basements
- Damp-resistant layers
- Levelling floors prior to laying tiles, wood blocks, etc.
- Patching and repairing concreted areas
- Waterproof flat roofing and balconies
- Industrial flooring, screeding and topping

### Coverage:

- If Bond-200 SBR is used as a primer, coverage is 6-8 m<sup>2</sup> / litter.
- If Bond-200 SBR is used as an admixture for traditional cement plaster, screed and mortars the added quantity is about 7-10 liter of Bond-200 SBR for 50 kg cement.



## BOND-300 ACC (Concentrated)

### Description:

a high-solid, acrylic polymer latex admixture and bonding agent. BOND-300 ACC provides increased abrasion, impact and crack resistance, flexural strength, and freeze/thaw tolerance. Permeability is also reduced, providing added protection from chloride intrusion and scaling.

### Uses:

- Interior & exterior concrete repairs/mortars applications.
- As a bonding additives with lime/sand cement screeds, renders, plasters and mortars
- As a bonding additive with colored tile grout
- used as a surface bonding primer between old and new concrete.

### Coverage:

- Depending application ( check TDS )



## REPAIR MORTAR- NS FINE

### Description:

is a cementitious polymer modified mortar composed of high resistance cements, fume fillers and special additives. It is designed to give thin layers to produce a fair faced appearance to concrete or masonry surfaces. When mixed with water, the product becomes easily workable mortar that could be applied both horizontally and vertically with thickness 1-4 mm.

### Uses:

- Fair faced concrete repair
- As a thin layer render
- To produce a uniform surface for subsequent paint finish
- Repair for brickwork, cement plaster and precast concrete.
- For crack filling.
- As a skim coat for pin holes and minor honeycombed.

### Coverage:

One bag 20 kg cover 15 m<sup>2</sup> at thickness 1mm



## REPAIR MORTAR- NSC

### Description:

is a high strength, fiber reinforced, polymer modified, non-shrink thixotropic mortar specially formulated for patching and repairing concrete, masonry, renders and bricks at vertical and horizontal surfaces .Offering superior bonding to substrates, high abrasion resistance, simplification of works and water repellency, no sagging, excellent finish and increased resistance to freeze / thawing cycles. Can be applied from 2mm to 100mm thickness.

### Uses:

- For all structural concrete repairs such as:
- columns
- slabs
- beams
- ceiling
- Smoothing, repairing and leveling of walls
- Repair of concrete surfaces, edges of steps and all types of load bearing situations.
- Can be used as a screed for flooring in dry internal areas.

### Coverage:

Depending on the surface natural



## BLATO BLOCK FIX

### Description:

is a premixed high quality mortar for jointing and bonding of all types of bricks. It consists of specialized polymers, cement, graded sand and other material which combine to give superior strength, water retention and stability. It replaces the conventional method and material of jointing mortar which requires a 12-18 mm thickness with a revolutionary 2-5 mm joint thickness.

### Uses:

- Used : Laying and joining of masonry units :
- AAC Blocks
- CLC Blocks
- Concrete Blocks
- Hollow Blocks
- Clay Bricks and Fly- Ash Bricks

### Coverage:

Depending on the nature of the substrate one bag 25kg cover 14-16 m<sup>2</sup> at 1mm thickness



## BLATO SPATTER DASH-HP

### Description:

is a premixed spatter dash for the preparation of concrete & masonry surfaces prior to base-coat or one-coat plaster. Composed of high performance grey Portland cement, aggregates of selected grain size and specific quality, enriched with polymer resins and special enhancement additives.

### Uses:

- It is Used to create the bonding spatter dash (rough cast) on concrete, masonry, thermo-insulation boards etc. for adhesion enhancement of the plaster that follows (base-coat or one-coat plaster).
- Can also be used for small-scale works and repairs.
- Suitable for interior and exterior use.

### Coverage:

Depending on the nature of the substrate .Approx. 6-7 kg/m<sup>2</sup> for 4 mm thick layers.



## BLATO PM-PLASTER

### Description:

is a premixed cement-based fiber reinforced plaster. It is convenient, easy to use, strong and binds better to its substrate. It replaces the conventional method of plastering .It consists of specialized polymers, Cement, graded dry sand and other materials which combine to give superior strength, water retention and stability.

### Uses:

- Interior & Exterior plastering mortar
- Used for plastering and rendering of all types of wall made from:
  - AAC Blocks
  - CLC Blocks
  - Concrete Blocks
  - Hollow Blocks
  - Clay Bricks and Fly- Ash Bricks

### Coverage:

Depending on the nature of the substrate one bag 50kg cover 3-3.5 m<sup>2</sup> at 10mm thickness.



## BLATO THICK RENDER

### Description:

high performance, cement based plaster/render for fair faced concrete, brickwork and block work. Formulated with special additives to improve workability and adhesion, It is ideal for internal and external applications.

### Uses:

- Interior & Exterior wall rendering
- Used for plastering and rendering of:
  - Fair faced concrete
  - AAC Block/Concrete Block
  - Red Clay Bricks & Cement Mortar Blocks/Bricks
  - Concrete Hollow Blocks & Cellular Concrete Blocks
  - Stone Walls & Fly Ash Bricks

### Coverage:

Depending on the nature of the substrate one bag 50kg cover 3-3.5 m<sup>2</sup> at 10mm thickness.



## BLATO FINE RENDER

### Description:

is a fine grade polymer modified cement based plaster suitable for many rendering and patching applications requiring a fine finish. It has been formulated for use as a single component cementitious mortar and applied at a thickness ranging between 2-6 mm for the filling of holes, cracks and leveling out uneven masonry surfaces.

### Uses:

applied to any Interior & Exterior rigid masonry based surface:

- Fair faced concrete
- Existing cement renders

### Coverage:

1.5-1.75 kg cover 1 m<sup>2</sup> at 1mm thickness



## BLATO CRACK FILLER

### Description:

is a white cement based polymer modified crack filler specially developed to fill cracks with a width of up to 4 mm in plastered surfaces on internal and external wall.

### Uses:

- Ideal for interior and exterior use
- For repairing cracks and cavities in vertical concrete, stone, stucco, cement rendering surfaces up to a width of 4mm.

### Coverage:

From 0.8-1 kg cover 1 square meter at 1mm thickness



## BLATO BASE WATER RESISTANCE

### Description:

a high quality water resistant cement-based coating specially designed for direct application onto concrete surfaces. It can also be used for application onto lightweight concrete block or panel surfaces after plastering process . can be built up to a thickness of 1 to 6mm in one single application.

### Uses:

- leveling and smoothing fair-faced concrete
- For repairing and structuring concrete surfaces and for use on other cement-bound substrates.
- For closing and smoothing pores and shrink holes.
- Panel wall rendering
- Dry wall rendering

### Coverage:

25 Kg bags cover 20-25 m<sup>2</sup> at 1mm thickness



## FINISH WATER RESISTANCE ( Interior & Exterior)

### Description:

a white cement based polymer modified wall putty specially developed as a finish coat to cover unevenness and pinholes in plastered surfaces and to make the walls/ceilings ready for painting. It is highly water & weather resistance cement putty

### Uses:

- For repairing and smoothing cement-lime plasters surfaces .
- Applied on precast wall panel, or smooth concrete surface.
- cover the unevenness and pinholes created by plastering and to prepare the wall/surface for painting
- Interior & Exterior Application.

### Coverage:

0.4-0.5 kg cover 1 square meter three coats



## CEM-PROOF 2K

### Description:

is a two component cementitious & acrylic flexible waterproofing & protective coating composed of best quality Portland cement, properly selected & graded aggregates, additives & acrylic emulsion polymer as a binder. It is applied to waterproof and protect concrete and similar structures.

### Uses:

- Interior and exterior sealing and waterproofing of walls and floors.
- Applicable for substrates subjected to shrinkage, vibration, movement, stress and minor crack formation.
- Applicable for both positive and negative sides of water-receiving substrates.
- Ideal waterproofing of walls and floors in tunnels, basements, water tanks, swimming pools, balconies, terraces and wet-rooms such as washrooms and bathrooms .

### Coverage:

1.5- Kg /1 m<sup>2</sup> at thickness 1mm depending on surface condition.



## ACRY-ROOF 1000

### Description:

Is a high performance, single component, elastomeric, Acrylic waterproof coating which formulated based on elastomeric styrene acrylic polymer providing highly protection for concrete structures. After curing of ACRY-ROOF 1000 provides a tough, flexible and high adhesion membrane resistant to UV, water and extreme atmosphere with highly flexibility to cover hairline cracks.

### Uses:

- Water proofing of concrete, metal, wood or clay-tiled roofs
- Possess elongation to bridge existing cracks (up to 0.5 mm) and prevents future.
- External & internal surfaces
- For protection of concrete against deterioration from effects of the UV rays.
- Under tiling in wet areas (showers, bathrooms, laundries, exterior decks, terraces and balconies).

### Coverage:

- Priming: 2.5-4m<sup>2</sup> /kg when applied by a brush or roller.
- 1.35 kg cover 1 m<sup>2</sup> at thickness 1mm (2 – 3 coats).



## 110HB-EPOXY FLOORING

### Description:

is a two component high performance solvent based double coats application epoxy coating dries to a tough, hard wearing, and semi-gloss finish.

### Uses:

- 110HB-Epoxy Flooring can be used as a floor coating for a variety of industrial application
- assembly areas
- parking floors
- kitchens
- showrooms
- laboratories
- Warehouses

### Coverage:

One kg from 110HB-Epoxy Flooring cover 3-4 square meter one coat.



## 220 SF- EPOXY FLOORING

### Description:

is a two component 100% solid, solvent free , pigmented, heavy-duty epoxy floor coating designed for industrial and commercial applications which provides a hard wearing, chemical and abrasion resistant floor finish

### Uses:

can be used as a primer / sealer coating for a variety of industrial application

- assembly areas
- parking floors
- kitchens
- showrooms
- laboratories
- Motor workshops
- Aircraft hangars
- Warehouses
- Stock and plant rooms

### Coverage:

One kg from 220 SF- EPOXY FLOORING cover 2.5 - 3 square meter at thickness 250micron.



## EP-PROOF 750W

### Description:

A two component, 100% solids, epoxy protective coating for concrete and steel. The cured film is resistant to corrosion, abrasion and chemical attack and is listed safe for potable water and incidental food contact.

### Uses:

It is suitable for applications such as:

- Pipes and Tanks
- Reservoirs and water treatment works
- Grain silos and dairies
- Meat and food processing environments

### Coverage:

One kg from EP-PROOF W750 cover 3-3.5 square meter one coat at thickness 250 µm.



## EPS-PRIME



### Description:

is a clear Polyamide Sealer designed to wet, strengthen, and seal porous surfaces and as a sealer/primer for prepared concrete surfaces.



### Uses:

can be used as a primer / sealer coating for a variety of industrial application

- assembly areas
- parking floors
- kitchens
- showrooms
- laboratories
- Motor workshops
- Aircraft hangars
- Warehouses
- Stock and plant rooms



### Coverage:

One KG from EPS-PRIME cover 5-7 square meter one coat.



## WB-EPOXY PRIME



### Description:

Is a two component, multifunctional, water based epoxy primer consisting epoxy resin and curing agent binder, giving the low viscosity characteristics necessary to wet the substrate, giving good penetration properties for porous substrates like concrete or wood.



### Uses:

can be used with variety of industrial application:

- assembly areas
- parking floors
- kitchens
- showrooms
- laboratories
- Motor workshops
- Aircraft hangars
- Warehouses



### Coverage:

One Kg (A+B) from WB – PRIME covers 8-10 square meter one coat.



## SF – EPOXY PRIME

### Description:

A two-component, solvent-free, general purpose transparent epoxy primer and sealer offering low viscosity characteristics and excellent penetration properties designed to penetrate and fill the porous structure of concrete to wet, strengthen concrete surfaces prior to the application of the main epoxy & polyurethane coating products or systems.

### Uses:

can be used as a primer / sealer coating for a variety of industrial application

- assembly areas
- parking floors
- kitchens
- showrooms
- laboratories
- Motor workshops
- Aircraft hangars
- Warehouses
- Stock and plant rooms

### Coverage:

One Kg (A+B) from SF-PRIME covers 8-10 square meter one coat.



## EPOXY PUTTY-G

### Description:

Is a two component, high strength epoxy putty which used to fill all types of cracks, gaps and holes in both horizontal and vertical surfaces. Epox putty -G possess excellent filling properties and after full curing provides high adhesion, abrasion resistance and compressive strength higher than concrete.

### Uses:

can be used for repairing and filling all defects in concrete, wood and steel surfaces with variety of industrial application.

- assembly areas
- parking floors
- kitchens
- showrooms
- laboratories
- Motor workshops
- Aircraft hangars
- Warehouses

### Coverage:

1.7 Kg (A+B) from EPOX PUTTY-G covers ONE square meter one coat at 1mm thickness.



## EP-ANCHORING EPOXY

### Description:

is a two-component, high-performance, 100% solids, high-modulus epoxy designed for anchoring bolts, railings, dowels, and rebar steel into horizontal concrete surface and to bond or repair a variety of household and common building materials including concrete, porous tile, and stone.

### Uses:

- Anchoring and bonding applications
- Grouting dowel bars for concrete repairs
- Filling holes, pits and cracks



## EPOXY-CASTING 150 JM

### Description:

Is a professional-grade, high-performance, ultra-clear, self-leveling, and high-gloss 100% solids deep-casting epoxy resin coating designed to be poured or cast up to 2-inches thick. EPOX-CASTING 150 JM is great for river tables, live edge tables and countertops, bar tops, wood finishes, artwork and other creative applications. For a truly custom appearance, EPOX-CASTING 150 JM can be mixed with pigment and mica powders, glitter, glow-in-the-dark pigments, alcohol inks, resin dyes and tints.

### Uses:

- River Tables
- Encasing documents
- Crafts and Hobbies
- Collectible and model making

### Coverage:

Depend on the volume of the shape



## 3D-EPOXY CLEAR

### Description:

Two component , solvent free, high transparency epoxy floor coating with excellent durability , self-leveling and chemicals& abrasion resistance. The product is characterized by being odorless and highly resistant to scratches, abrasions and all kinds of household detergents.

### Uses:

- 3D floor coating systems
- Protect concrete floors
- Transparent protection coating over marble floors
- The product can be used in metallic epoxy flooring
- As a protection layer over painted and printed artwork.

### Coverage:

2 –2.5 kg /m2



## SEALER- COAT-101

### Description:

Is a high quality water-based acrylic sealer, primer with excellent resistance to fungus growth, alkalinity and provides excellent wettability and penetration properties for porous substrates like concrete or wood.

### Uses:

- As a primer/sealer coat on plastered surfaces, asbestos sheets, concrete, brickwork, etc. prior to over painting with water – based paints.

### Coverage:

1 Kg cover 4-6 m<sup>2</sup>



## BLATO ACRYLIC (Interior & Exterior )

### Description:

Is a premium quality emulsion paint have been developed and formulated to provide high hiding power ,lasting whiteness and great coverage for interior & exterior application.

### Uses:

- Ceilings (Interior& (Exterior)
- Walls (Interior& (Exterior)

### Coverage:

1 kg cover 4-6 m<sup>2</sup> one coat



## BLATO ACRYLIC (EXTERIOR HIGH QUALITY)

### Description:

A high quality, acrylic exterior emulsion paint which offers outstanding protection for exterior surfaces . The product also offers unique protection against water, algal attack, dust pick-up, hairline crack bridging, efflorescence and extreme weather.

### Uses:

- Ceilings (Exterior)
- Walls (Exterior)

### Coverage:

1 kg cover 4-6 m<sup>2</sup> one coat



## BLATO ACRYLIC ( Eggshell, Semi-Gloss, Gloss )

### Description:

Is a high quality acrylic emulsion paint specially designed for use on exterior/interior surfaces. It can be applied on prepared masonry ,concrete, plaster, gypsum & wood surfaces. It is fully washable with a soft, luxurious smooth finish.

### Uses:

- Ceilings (Interior& (Exterior)
- Walls (Interior& (Exterior)

### Coverage:

1L cover 9- 11 m<sup>2</sup> one coat



## BLATO - OIL PUTTY

### Description:

is a ready mixed putty modified with linseed oil which improve adhesion, wettability and strength to be used in leveling and smoothening the undulations of wooden & walls surface before application of alkyd based top coat.

### Uses:

- Filling cracks and holes on surfaces where no structural movement occurs
- Filling cracks in walls, ceilings, doors, windows
- Repairing holes in walls, ceilings, doors and windows.
- Suitable for interior and exterior use.

### Coverage:

1 kg cover 1.5 -3 m<sup>2</sup> for guidness



## BLATO ENAMEL HIGH QUALITY

### Description:

Is a specially blended enamel paint that protects and beautifies interior, exterior, wood, metal and masonry surfaces. It imparts Gloss / Semi-gloss / Egg shell / Matt finish and forms a layer which is tough, washable, and long-lasting. It is resistant to alkali, stains and water.

### Uses:

- Ceilings (Interior & Exterior)
- Walls (Interior & Exterior)
- Wood and metal surfaces

### Coverage:

- Gloss Enamel ( 1kg cover 8-10 m2 one coat )
- Semi-gloss Enamel ( 1kg cover 8-10 m2 one coat )
- Egg shell Enamel ( 1 kg cover 6-8 m2 one coat)
- Matt Enamel ( 1kg cover 4-6 m2 one coat )



## Blato Wood Glue -500 High Quality

### Description:

High performance, premium quality PVA wood glue which when cured gives strong bonds in general carpentry, arts and crafts applications.

### Uses:

- Bonding all types of wood and flat chips.
- Bonding all kinds of soft and hard wood surfaces and synthetic
- Suitable for fixing paper, carton and PVC on wood and carton

### Coverage:

100-250 gm/m<sup>2</sup> depending on surface condition .



2021

Modern Building Chemicals

Corporate

Modern Building Chemicals (MBC) is a well-established wing of diversified business group that has a reputable presence in various manufacturing sectors. The group involved in different manufacturing and trading activities such as Decorative and Industrial Paints, Alkyd Resins, Can Manufacturing, and Building Materials Wholesale.



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