

BOND PLUS INDUSTRIES

POWER BUILD LION



THINK QUALITY -THINK PB LION





About Us

BOND PLUS INDUSTRIES

The **PB LION** name itself derived from Construction & Cement which give us a driving strength to serve the construction industry at large since 2015. We, **PB LION** are leader in developing and providing custom made constructive solution for almost all type of construction projects with unmatched high performance construction products with industry best technical support combined with customer services.

We are specialized in Tile Adhesives, Ready Mix Mortars, Epoxy Grouts, Waterproofing Chemicals, Engineering Grouts and speciality chemicals for repairs and rehabilitation of Construction.

PB LION has strong standing in the market with backbone of highly talented skilled chemists and engineers. We have conviction to be a leader in this field by building reputation for innovation, dedicated human resource to serve our clients, unmatched quality experience to the users of our products, knowledge enhancing technical support to architects, engineers, contractors and ultimate decision makers like builders and investors.

Our continuous commitment towards customer support by working in symphony with architects, structural and civil engineers, contractors, applicators to understand their need and requirements for cutting edge technical solution to their unique and diverse requirements of every stage and type of construction activity.

PB LION has a great reputation as an innovative solution provider for developing tailor made products with customized properties by working closely with the clients and has a very wide range of construction materials and chemicals which can be broadly described as following

We have multi locational manufacturing facilities to service our customer. 1. At Udaipur of Rajasthan State. 2. At Gujrat State. (Under Implementation stage) 3. At Maharashtra State (Under Implementation stage)

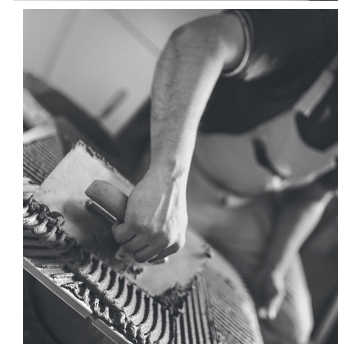
We are also exploring to export our products at South Africa, Dubai and Nepal. Our products are available through a well organized chain of Super Distributors, Area Distributors & Authorized Dealer for Trade Market. We also cater to the construction projects of public sector as well as private sector through our network.

VISION

To Develop, Manufacturing and supply Innovative Construction Material and Chemicals. Thereby Enhance Productivity, Workability and Durability Which Will Contribute to Sustainable Development.

MISSION

We Would have a Pan India Multi-locational Manufacturing and Distribution Network by 2027. Become The Tile Adhesive Master and Leader.





PB LION

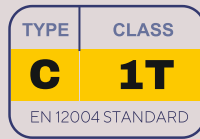
TILE & STONE

FIXING SOLUTION

tile adhesive

Wall fix

TILE ADHESIVE



**For fixing Clay, ceramic
Digital tiles on interior
floor & wall**



- Polymer-modified.
- Thicknesses up to 10 mm.
- For internal floor & wall only.
- No sag.
- Prolonged workability.
- Suitable for clay, ceramic digital tiles.
- Dry area applications only.

PACKAGING

- Grey 20 kg & 50 kg bag
- White 20 kg & 50 kg bag

DESCRIPTION:

PB LION 333 Tile Adhesive is a polymer modified, grey cement-based thinnest tile adhesive for fixing high porosity tiles like ceramic/ clay tiles, terracotta and quarry tiles of regular size. It is suitable for both vertical and horizontal surfaces, over the cementitious substrate for indoor application, in dry areas. It is also recommended for installation of vitrified tiles on the floor interior area.

STANDARD COMPLIANCE/ SPECIFICATION:

PB LION 333 Adhesive complies to Type 1 T as per IS 15477 : 2019 - adhesives for use with ceramic, and stone tiles - specification.

Complies with EN / ISO with a C1T classification.

FEATURES AND ADVANTAGES

- Easy to use - just add water on site, ready to use.
- Highly Polymer modified - provides high structural adhesion, allows bonding on variety of substrates, for fixing variety of tiles and stones.
- Long open time - suitable for large format & external condition.
- Water & shock resistant - suitable for wet areas & commercial floor too.
- Flexible adhesive - allows to sustain minor vibration in substrate.
- Good adhesive bond strength & bonds to various cement-based substrates.
- Low VOC - for healthy living.

TECHNICAL INFORMATION

APPLICATION PROPERTIES

Wall fix

TILE ADHESIVE

Testing Properties	Test Results
Tentative Mixing Ratio (Powder: Water)	3 : 1 by volume 1 : 0.24 by weight
Mixed Density	1.7 - 1.9 kg/ litre
Open Time (IS 15477: 2019)	Approx. 20 minutes
Adjustability (IS 15477: 2019)	Approx. 20 minutes
Pot Life	Approx. 60 minutes
Application Temperature (substrates and materials)	5°C to 35°C
Adhesive Thickness	3 - 12 mm
Setting/ Trafficable/ Grouting Time	24 hours

MIXING

- Add 3 - 3.5 parts of powder to 1 part of water or 4 - 5 litre water for 20 Kg powder in a clean mixing vessel.
- Adjust the water as per desired consistency.
- Mix with a suitable mechanical stirrer or slow speed drills (50 - 100 rpm) until a lump free homogeneous paste is obtained.
- Always mix required quantity, which can be consumed within pot life.
- Leave mixture for 5 minutes before use.
- No further water should be added.

COVERAGE

- Approx. 5 - 6 m²/ 20 kg Bag at 3 mm thickness (using 6 mm x 6 mm notch).
- Approx. 7.5 - 8 m²/ 30 kg Bag at 3 mm thickness using 6 mm x 6 mm notch).
- Approx. 1.2 kg/ m² per mm of thickness.

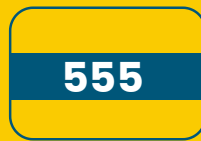
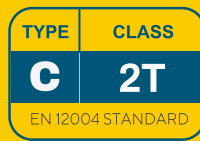
*Coverage will vary depending on trowel notch size, type, size of tile and substrate smoothness and evenness.

SUBSTRATE PREPARATION:

- The substrate must be leveled, cured, undamaged, compact, rigid, resistant, dry and free from any debonding agents and from damp rising.
- All surfaces must be plumb and true to within 6 mm in 10 ft (3m).
- Dry, dusty surfaces should be dampened with water & excess water should be swept off.
- New concrete slabs shall be damp cured and 28 days old before application which will reduce the shrinkage from tile fixing surface.
- Expansion joints to be provided & filled with suitable sealant.
- Do not cover expansion joints with thin set tile adhesive/ tile.

Multiply Fix 555

TILE ADHESIVE



For fixing ceramic, vitrified tiles & natural stone on interior floor & wall

- Highly polymer-modified
- Thicknesses up to 10 mm
- For internal floor & wall and external floor only.
- For balconies and terraces
- No sag
- Prolonged workability
- Adjustable
- Sustains heat ageing
- For fixing stones.
- Suitable for full body vitrified tiles

DESCRIPTION:

PB LION 555 Tile Adhesive is a polymer modified, thin-set tile adhesive for fixing ceramic, semi-vitreous tile, vitrified tiles & natural stones of regular size. It is suitable for both vertical and horizontal surfaces, over the cementitious substrate for indoor application, in dry as well as wet areas. It is also recommended for Tile on Tile Application.

STANDARD COMPLIANCE/ SPECIFICATION:

PB LION 555 Adhesive complies to Type 2 T as per IS 15477 : 2019 - adhesives for use with ceramic, mosaic and stone tiles - specification.

Also, **PB LION 555** conforms to class C2T as per EN 12004:2017/ ISO 13007 - a cementitious (C) improved performance (2) slip resistant (T) tile adhesive.



PACKAGING

- Grey 20 kg & 50 kg bag
- White 20 kg & 50 kg bag

FEATURES AND ADVANTAGES

- Easy to use - just add water on site, ready to use.
- Highly Polymer modified - provides high structural adhesion, allows bonding on variety of substrates, for fixing variety of tiles and stones.
- Long open time - suitable for large format & external condition.
- Water & shock resistant - suitable for wet areas & commercial floor too.
- Flexible adhesive - allows to sustain minor vibration in substrate.
- Good adhesive bond strength & bonds to various cement-based substrates.
- Low VOC - for healthy living.

TECHNICAL INFORMATION

APPLICATION PROPERTIES

All fix

TILE ADHESIVE

Testing Properties	Test Results
Tentative Mixing Ratio (Powder: Water)	Grey - 1 : 0.28 by weight White - 1 : 0.32 by weight
Mixed Density	1.6 - 1.9 kg/ litre
Open Time (IS 15477: 2019)	Approx. 20 minutes
Adjustability (IS 15477: 2019)	Approx. 20 minutes
Pot Life	Approx. 60-90 minutes
Application Temperature (substrates and materials)	5°C to 35°C
Adhesive Thickness	3 - 12 mm
Setting/ Trafficable/ Grouting Time	24 hours

MIXING

- Add 3 - 3.5 parts of powder to 1 part of water or 4 - 5 litre water for 20 Kg powder in a clean mixing vessel.
- Adjust the water as per desired consistency.
- Mix with a suitable mechanical stirrer or slow speed drills (50 - 100 rpm) until a lump free homogeneous paste is obtained.
- Always mix required quantity, which can be consumed within pot life.
- Leave mixture for 5 minutes before use.
- No further water should be added.

COVERAGE

- Approx. 5 - 6 m²/ 20 kg Bag at 3 mm thickness (using 6 mm x 6 mm notch).
- Approx. 7.5 - 8 m²/ 30 kg Bag at 3 mm thickness using 6 mm x 6 mm notch).
- Approx. 1.2 kg/ m² per mm of thickness.

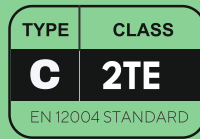
*Coverage will vary depending on trowel notch size, type, size of tile and substrate smoothness and evenness.

SUBSTRATE PREPARATION:

- The substrate must be leveled, cured, undamaged, compact, rigid, resistant, dry and free from any debonding agents and from damp rising.
- All surfaces must be plumb and true to within 6 mm in 10 ft (3m).
- Dry, dusty surfaces should be dampened with water & excess water should be swept off.
- New concrete slabs shall be damp cured and 28 days old before application which will reduce the shrinkage from tile fixing surface.
- Expansion joints to be provided & filled with suitable sealant.
- Do not cover expansion joints with thin set tile adhesive/ tile.

Heavy duty

TILE ADHESIVE



For fixing tiles & natural stone on interior & exterior floor & wall

- Highly polymer-modified
- Thicknesses up to 12 mm
- For internal and external use
- For balconies and terraces
- No sag
- Prolonged workability
- Adjustable
- Sustains heat ageing
- For fixing stones
- Ideal for waterbodies (e.g.: fountains, swimming pools etc.)
- Suitable for full body vitrified tiles

DESCRIPTION:

PB LION 777 Tile Adhesive is a highly polymer modified, thin-set tile adhesive for fixing for all type of tiles, mosaics and natural stones, on a variety of surfaces, for both vertical and horizontal application, in dry as well as wet areas for indoor as well as outdoor application. It can be used to fix large size of tile in commercial area as it accommodates shocks due to heavy traffic.

STANDARD COMPLIANCE/ SPECIFICATION:

PB LION 777 Adhesive complies to Type 3 T as per IS 15477: 2019 - Adhesives for use with ceramic, vitrified tiles, mosaic and Stone tiles - Specification.

Also, **PB LION 777** Adhesive conforms to class C2TE as per EN 12004 : 2017/ ISO 13007 - a cementitious (C) improved Performance (2) slip resistant (T) with extended open time (E) tile adhesive.



PACKAGING

- Grey 20 kg & 50 kg bag
- White 20 kg & 50 kg bag

FEATURES AND ADVANTAGES

- Easy to use - just add water on site, ready to use.
- Highly Polymer modified - provides high structural adhesion, allows bonding on variety of substrates, for fixing variety of tiles and stones.
- Long open time - suitable for large format & external condition.
- Water & shock resistant - suitable for wet areas & commercial floor too.
- Flexible adhesive - allows to sustain minor vibration in substrate.
- Good adhesive bond strength & bonds to various cement-based substrates.
- Low VOC - for healthy living.

TECHNICAL INFORMATION

APPLICATION PROPERTIES

Heavy duty

TILE ADHESIVE

Testing Properties	Test Results
Tentative Mixing Ratio (Powder: Water)	Grey - 1 : 0.29 by weight White - 1 : 0.30 by weight
Mixed Density	1.60 ± 0.05 kg/ litre
Open Time (IS 15477: 2019)	Min. 30 minutes
Adjustability (IS 15477: 2019)	Approx. 25 minutes
Pot Life	Approx. 90 - 120 minutes
Sag/ Slip	≤ 0.5 mm
VOC Content (EPA 24)	< 2 gm/ kg
Application Temperature (substrates and materials)	5°C to 35°C
Adhesive Thickness	3 - 12 mm
Setting/ Trafficable/ Grouting Time	24 hours

MIXING

- Add 3 - 3.5 parts of powder to 1 part of water or 4 - 5 litre water for 20 Kg powder in a clean mixing vessel.
- Adjust the water as per desired consistency.
- Mix with a suitable mechanical stirrer or slow speed drills (50 - 100 rpm) until a lump free homogeneous paste is obtained.
- Always mix required quantity, which can be consumed within pot life.
- Leave mixture for 5 minutes before use.
- No further water should be added.

SUBSTRATE PREPARATION:

- The substrate must be leveled, cured, undamaged, compact, rigid, resistant, dry and free from any debonding agents and from damp rising.
- All surfaces must be plumb and true to within 6 mm in 10 ft (3m).
- Dry, dusty surfaces should be dampened with water & excess water should be swept off.
- New concrete slabs shall be damp cured and 28 days old before application which will reduce the shrinkage from tile fixing surface.
- Expansion joints to be provided & filled with suitable sealant.
- Do not cover expansion joints with thin set tile adhesive/ tile.

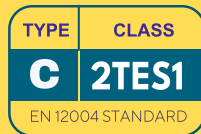
COVERAGE

- Approx. 5 - 6 m²/ 20 kg Bag at 3 mm thickness (using 6 mm x 6 mm notch).
- Approx. 7.5 - 8 m²/ 30 kg Bag at 3 mm thickness using 6 mm x 6 mm notch).
- Approx. 1.2 kg/ m² per mm of thickness.

*Coverage will vary depending on trowel notch size, type, size of tile and substrate smoothness and evenness.

777 MARBO

TILE ADHESIVE



For fixing tiles & stone on demanding external & internal applications

Ideal For Vibration Area

- Highly polymer-modified
- Thicknesses up to 12 mm
- For internal and external use
- For balconies and terraces
- No sag
- Prolonged workability
- Adjustable
- Sustains heat ageing
- For fixing stones
- Ideal for waterbodies (e.g.: fountains, swimming pools etc.)
- Suitable for full body vitrified tiles

DESCRIPTION:

777 MARBO Tile Adhesive is a high polymer modified & highly flexible adhesive with enhanced properties of slip resistant, extended open time & excellent bond strength which is necessary for fixing large format tiles/ natural stones & slim tiles on vertical & horizontal surface for indoor as well as outdoor application especially in external conditions & on substrates subject to deformations/ vibrations.

STANDARD COMPLIANCE/ SPECIFICATION:

777 MARBO Adhesive complies to Type 3 T S1 as per IS 15477: 2019 - Adhesives for use with ceramic, mosaic and stone tiles - Specification.

Also, **777 MARBO** Adhesive conforms to class C2TES1 as per EN 12004:2017/ ISO 13007 - a cementitious (C) improved performance (2) slip resistant (T) deformable (S1) with extended open time (E) tile adhesive.



PACKAGING

- Grey 20 kg
- White 20 kg

FEATURES AND ADVANTAGES

- Easy to use - just add water on site, ready to use.
- Highly Polymer modified - provides high structural adhesion, allows bonding on variety of substrates, for fixing variety of tiles and stones.
- Long open time - suitable for large format & external condition.
- Water & shock resistant - suitable for wet areas & commercial floor too.
- Flexible adhesive - allows to sustain minor vibration in substrate.
- Good adhesive bond strength & bonds to various cement-based substrates.
- Low VOC - for healthy living.

TECHNICAL INFORMATION

APPLICATION PROPERTIES

Ita bond

TILE ADHESIVE

Testing Properties	Test Results
Tentative Mixing Ratio (Powder: Water)	Grey - 1 : 0.29 by weight White - 1 : 0.30 by weight
Mixed Density	1.60 ± 0.05 kg/ litre
Open Time (IS 15477: 2019)	Min. 30 minutes
Adjustability (IS 15477: 2019)	Approx. 25 minutes
Pot Life	Approx. 90 - 120 minutes
Sag/ Slip	≤ 0.5 mm
VOC Content (EPA 24)	< 2 gm/ kg
Application Temperature (substrates and materials)	5°C to 35°C
Adhesive Thickness	3 - 12 mm
Setting/ Trafficable/ Grouting Time	24 hours

MIXING

- Add 3 - 3.5 parts of powder to 1 part of water or 4 - 5 litre water for 20 Kg powder in a clean mixing vessel.
- Adjust the water as per desired consistency.
- Mix with a suitable mechanical stirrer or slow speed drills (50 - 100 rpm) until a lump free homogeneous paste is obtained.
- Always mix required quantity, which can be consumed within pot life.
- Leave mixture for 5 minutes before use.
- No further water should be added.

COVERAGE

- Approx. 5 - 6 m²/ 20 kg Bag at 3 mm thickness (using 6 mm x 6 mm notch).
- Approx. 7.5 - 8 m²/ 30 kg Bag at 3 mm thickness using 6 mm x 6 mm notch).
- Approx. 1.2 kg/ m² per mm of thickness.

*Coverage will vary depending on trowel notch size, type, size of tile and substrate smoothness and evenness.

SUBSTRATE PREPARATION:

- The substrate must be leveled, cured, undamaged, compact, rigid, resistant, dry and free from any debonding agents and from damp rising.
- All surfaces must be plumb and true to within 6 mm in 10 ft (3m).
- Dry, dusty surfaces should be dampened with water & excess water should be swept off.
- New concrete slabs shall be damp cured and 28 days old before application which will reduce the shrinkage from tile fixing surface.
- Expansion joints to be provided & filled with suitable sealant.
- Do not cover expansion joints with thin set tile adhesive/ tile.

Block fix

AAC J INTER

DESCRIPTION:

PB LION Block Fix is a versatile thin jointing material for thin bed applications. This mortar is specially designed to provide stronger, durable bonding between the blocks with optimum adhesive strength.

STANDARD COMPLIANCE/ SPECIFICATION:

Technical parameters complies with ASTM C 1660-09

Features and Benefits :

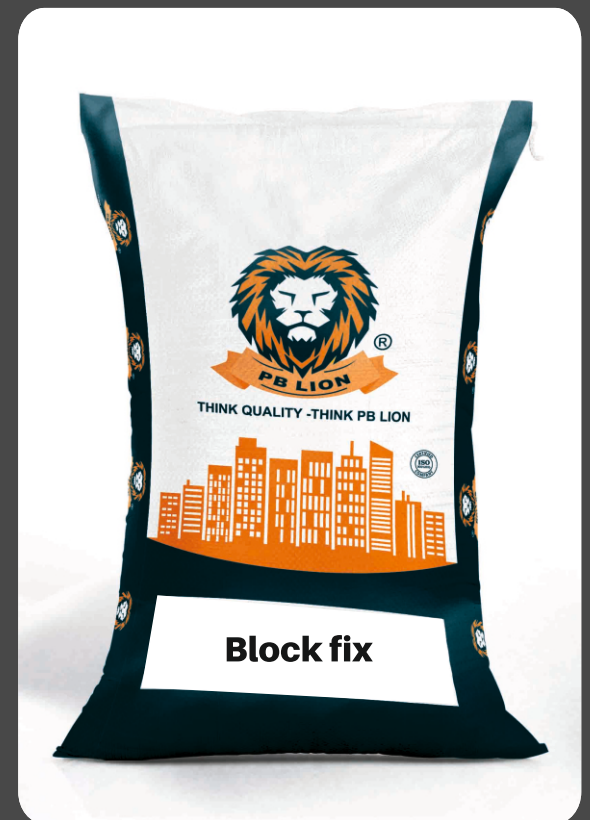
- Ready to use only water to be added.
- Better bond than conventional cement based mortar.
- Uniform and consistent quality.
- Good bonding strength & flexible shock and Impact resistant.
- No shrinkage cracks at joints.
- Thin jointing with high adhesion to contribute to loadbearing capacity of masonry Ready for subsequent application in 24 hours.
- Quick installation & Save substantial cost compared to conventional mortar.
- Self Cure.

MIXING :

- **PB LION** Block Fix requires 25% of water by weight of material.
- Mix **PB LION** Block Fix to the measured quantity of water using mechanical stirring for 2-3 minutes to ensure a consistency free of lumps.

PRECAUTIONS :

- **PB LION** Block Fix is non-toxic. Use of gloves and goggles recommended. Any splashes to the skin or eyes should be washed off with clean water immediately. In case of prolonged irritation, medical advice should be sought. Konment Block Fix is non-flammable.

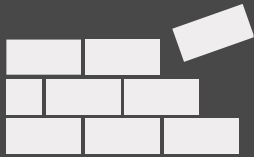


PACKAGING

- 40 kg. Bag

USES:

- Fixing and jointing masonry units like AAC blocks, Concrete blocks, fly ash bricks etc.



TECHNICAL INFORMATION

APPLICATION PROPERTIES

Block fix

Testing Properties	Test Results
Bulk Density:	1200 -1300 kg/cum
Water powder ratio:	25+3 % by weight
Pot life: @ 27°C	1 hour
Usable time post application	24 hours
Tensile Adhesion Strength @ 28days	0.8 N/sq.mm
Splitting tensile strength @ 28days (ASTM C 1660-09)	0.50 - 0.60 N/ sq. mm
Compressive strength @ 28 days	7-8 N/ sq. mm
Application Temperature (substrates and materials)	5°C to 35°C

Thickness	Coverage in sft for 40 kgs bag
• 3 mm	110
• 4 mm	90
• 5 mm	75
• 6 mm	55

LIMITATIONS

Do not exceed the water dosage Apply the material on surfaces which are sound and well prepared substrate

SHELF-LIFE

24 months for sealed pack when stored under cover, out of direct sunlight, damp proof condition and protect from extremes of temperature.

Ready mix Plaster

DESCRIPTION:

PB LION Ready Mix Plaster is a ready mix cement plaster/render with high quality polymer additives, well graded sand and Fillers for manual plastering applications.

STANDARD COMPLIANCE/ SPECIFICATION:

Technical parameters complies with IS 1661-1972, IS 2250-1965, IS 2402-1963.

APPLICATION AREA :

PB LION Ready Mix Plaster can be used for plastering on inner and outer walls. It can also be used effectively on brick, block, stone walls as well as concrete surfaces. Ideal for well-prepared walls with maximum thickness of plastering up to 15 mm.

SURFACE PREPARATION :

- Prepare the surfaces before the **PB LION** Ready Mix Plaster application by removing oil, bond inhibiting agents, dirt, dust and laitance.
- The cleaning can be carried out with suitable methods like by using wire brush, water jetting, mopping, etc.

SHELF LIFE

- 12 months for sealed pack when stored under cover, out of direct sunlight, dampproof condition and protect from extremes of temperature.

MIXING :

- **PB LION** Ready Mix Plaster requires 17-19% of water by weight of material.
- **PB LION** Ready Mix Plaster to the measured quantity of water using mechanical stirring for 2-3 minutes to ensure a consistency free of lumps.

PRECAUTIONS :

- **PB LION** Ready Mix Plaster is non-toxic. Use of gloves and goggles recommended. Any splashes to the skin or eyes should be washed off with clean water immediately. In case of prolonged irritation, medical advice should be sought. Konment Ready Mix Plaster is non-flammable.



COVERAGE

- 0.16-0.23 Kg/Sq.ft./mm.

Thickness of layer : 8-15 mm per coat.

*Coverage will vary depending on trowel notch size, type, size of tile and substrate smoothness and evenness.

PACKAGING

- 40 kg. Bag

PB LION

INSTANT ADHESIVE



DESCRIPTION : PB LION INSTANT ADHESIVE

ADVANTAGES : Excellent adhesive for all bonding purpose
For joining & repairing of plastic ,ceramic,
, rubber, metal, leather, wood.

PACKING : 20GM, 50GM

PB LION

RIGID PVC SOLVENT

Available Pack Size :

50 ml Tin, 100 ml Tin, 125 ml Tin, 250 ml Tin, 500 ml Tin, 1 Ltr Tin.



TECHNICAL SPECIFICATION:

- » PB LION Regular Duty Clear cement for use on all schedules and classes PVC pipe and fitting up to 12" diameter for non pressure pipe
- » Regular Bodied, Fastset
- » Thick formula fills gaps in large diameter pipe and loose fitting joints.
- » Recommended for potable water, non pressure pipe, SWR/rigid pipes and DWV.
- » Recommended application temperature 40°F to 110°F / 4°C to 43°C.
- » Meets ASTM-D2564.

NAME OF TEST	RESULT	AS PER STANDARD SPECIFICATION
PVC Polymer Content	11 %	10 %
Viscosity	120 Cps	90 Cps
Hydrostatic Burst Strength	410 psi	400 psi
Wet Film Thickness	0.31 mm	0.30 mm
Lab Shear Strength, Kg		
After 2 Hours	328 psi	250 psi
After 10 Hours	559 psi	500 psi
After 72 Hours	924 psi	900 psi

PB LION

CPVC SOLVENT



TECHNICAL SPECIFICATION:

- » Heavy Duty Medium Setting.~
- » LoVOC CPVC cement for all classes and schedules with interference fit through (315 mm) diameter.~
- » Industrial Quality for Non-Chemical Applications up to 180°F (82°C).~
- » Approved for use on CPVC Piping Systems.~
- » Recommended Application Temperature 0°F to 115°F / -17°C to 46°C.~
- » Meets ASTM F493.~

NAME OF TEST	RESULT	AS PER STANDARD SPECIFICATION
PVC Polymer Content	18 %	10 %
Viscosity	900Cps	500Cps
Hydrostatic Burst Strength	480 psi @ 23 Deg C	400 psi @ 23 Deg C
After 2 Hours of curing	220 psi @ 82 Deg C	200 psi @ 82 Deg C
	Detaches after 3 mins.	Only has to achieve that Pressure. In water bath
Hydrostatic Burst after 336 hours of curing (15days) @ 82 Deg C	In water bath 564 psi for 7 Mins 331 psi for 4 hrs 30 mins	521 psi for 6 mins 364 for 4 hours

Available Pack Size :

50 ml Tin, 125 ml Tin, 250 ml Tin, 500 ml Tin, 1 Ltr Tin,

WHITE CEMENT

The Whitest White Cement



ADVANTAGE :

- More Whiteness & Brightness.
- Decorative & Economical.
- Aesthetic Appeal.
- Superior bonding with surface.
- Strength of adhesion to the base is distinctly improved

DESCRIPTION:

Decorative white cement is a wall decoration material which is blended by high quality white Portland cement by the advanced technology and result characterized by high whiteness, high strength, excellent degree of Fineness, good adhesion, high construction performance, high consistency, etc.

APPLICATION

- Designer Flooring.
- Marble Flooring.
- Terrazzo Flooring.
- Architectural Uses.

Packaging:

1-5-20-50 kg

PB LION **TEXTURE**



ADVANTAGE OF TEXTURE

Textured plaster offers several advantages, including durability, longevity, the ability to conceal imperfections and the creation of visually appealing and unique wall finishes.



WATER PROOFING

chemical

- SBR
- LWP
- WATER REPELLENT
- 2K

PB LION

PLW

Integral Liquid Waterproofing Compound For Concrete & Plaster



PB LION PLW is specially formulated integral liquid waterproofing compound composed of surface active plasticising agents, polymers & additives. It is used as an additive for cement concrete, mortar & plasters. It makes concrete cohesive and prevents segregation.

Packaging:

1-5-10-20 (L)



DOSAGE :

200 ml per 50 kg bag of cement

AREAS OF APPLICATION

- Waterproofing of concrete and sand-cement mortars used in
 1. Basements.
 2. Roof slabs and screeds.
 3. Water tanks & water retaining structures.
 4. External plastering.
 5. Bathrooms and balconies.
 6. Sumps and drains.

FEATURES :

1. **Corrosion resistant** - Makes concrete more cohesive, hence protects steel better against corrosion. Reduces surface dust.
2. **Compatibility** - Being a liquid, easily dispersible & compatible with concrete/mortar mixes.
3. **Permeability** - It reduces the permeability of water into concrete.
4. **Strength** - The setting time and compressive strength of the concrete remains within the specification limits.
5. **Shrinkage** - Reduces shrinkage crack development in plaster & concrete.
6. **Workability** - Improves workability of freshly mixed cement concrete.
7. **Durability** - Increases durability by improving waterproofing of concrete.

SBR

Styrene Butadiene Rubber

waterproofing chemical



PB LION SBR is based on modified Styrene butadiene latex used for high performance applications in waterproofing and repairs. It is used for repairs of spalled concrete such as -floors, columns, beams, chhajjas, slabs & waterproofing of toilets & bathrooms & terraces. It bonds strongly to old & new concrete & plaster.

Packaging:

1-5-10-20 (L)



COVERAGE

1 kg of **PB LION SBR** will cover 70 - 80 sq. ft. area in 2 coats for a proportion mix 1 : 4 : 7 (Super Latex : Water : Cement).

AREAS OF APPLICATION

1. **As a bond coat** - Plaster to plaster, concrete-to-concrete, plaster to concrete for plastering over brick masonry. Bonding coat & mortar for tiles & panels, underlays for special finishes such as top rendering coat for chemical resistant floors. Roof slabs and screeds.
2. **As waterproofing** - Waterproofing of small roof terraces, sunken portions of toilet & bathrooms, chajjas & lift pits, balconies & staircase. External plastering.
3. **As crack repair** - Repairs of plaster cracks more than 5 mm & in gaps developed between masonry and RCC members.
4. **As rebar coating** - Coating for prevention of corrosion over rebars.
5. **For Cladding** - Fixing or refixing of slip bricks, tiles, stones & marble bedding.
6. **Concrete repair mortars** - Improves the durability of the mortars and it can be used for making polymer modified mortars for patching and concrete repair.
7. **Cement mortars** - For filling holes, reconstructing damaged areas and finishing surfaces on buildings and precast elements in concrete .

FEATURES :

1. **Multipurpose** It is multipurpose & economical product, easy to use.
2. **Cracking** It prevents cracking by improving flexural strength.
3. **Hardness** Improves the hardness & prevents dust generation.
4. **Shrinkage** Reduces drying & aging shrinkage cracks.
5. **Bonding** Bonds strongly to concrete, masonry, stone work, plasters, steel & most of the building materials.
6. **Erosion & corrosion** Improves erosion resistance & prevents corrosion.
7. **Abrasion resistance** Improves abrasion resistance of cement mix.
8. **Waterproofing** - Prevents leakage & dampness.
9. **Durability** - Enhances strength of a repair mortar & provides durability.
10. **Rebound loss** - Less material wastage- material does not fall back/ rebound, when used as bonding agent.
11. **Coverage** - Excellent Coverage -70-80 sq.ft per kg/ in 2 coats, hence economical.

Technical Information

SBR

SBR^{SUPER}

PROPERTIES	RESULTS	PROPERTIES	RESULTS
Appearance	Free flowing liquid	Appearance	Free flowing liquid
Colour	Milky white	Colour	Milky white
Specific Gravity @30°C. gms / ml	1.02 ± 0.02	Specific Gravity @30°C. gms / ml	1.02 ± 0.02
Non Volatile matter, %	38	Non Volatile matter, %	42-44
PH value	7 - 9	PH value	7 - 9
Bond strength, N/sq mm	4	Bond strength, N/sq mm	5
Chemical resistance	Resists mild acids & alkalies	Chemical resistance	Resists mild acids & alkalies

COVERAGE:

Preparing the Mixes for Bonding & waterproofing applications

- 1 kg of Konment SBR will cover 70 - 80 sq. ft. area in 2 coats for a proportion mix 1 : 4 : 7 (Super Latex : Water : Cement).

For Patching and concrete repair

- Recommended mixing ratio: 5 kg Konment SBR upto 15 ltr Water 50 kg Cement + 150 kg Sand.

SHELF LIFE :

- Best before one and half years from the date manufacture when in sealed pack and stored under proper condition.
- Store in a cool & dry place in unopened condition away from direct sunlight.

PB LION

waterproofing chemical

2K

PB LION 2K is an acrylic cementitious, polymer modified elastomeric, 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 masonry substrates.

Packaging:

3 -15 (Kg.)



COVERAGE

Approximately 0.6 – 0.75 m² / kg at 1 mm thickness in 2 coats, depending on the level of the substrate.

AREAS OF APPLICATION

PB LION 2K must be applied to new or old concrete substrates that are structurally sound.

- Excellent as a waterproof coating for bathrooms, kitchen sinks, balconies, etc.
- Ideal as a coating for waterproofing of chhajjas, canopies, etc.
- As waterproof coating on internal sides of domestic water tanks.
- Good for waterproofing of sloped roofs.
- As a waterproof coating for terraces of areas up to 100-150 m².

SURFACE PREPERATION

- The surface of application must be thoroughly prepared by mechanical means, to remove all loose particles, laitance, etc.
- Oil and grease, if any, must be de-greased with suitable solvents. It then must be washed off with jet of water and brought to touch dry state.

MIXING

- Shake the liquid component well to a homogenous milky colour.
- Use heavy duty slow speed mechanical mixer fitted with a suitable paddle for mixing the two components of the material.
- In a mixing vessel, slowly add the powder component in to the liquid under continuous stirring. Continue to stir thoroughly to achieve a lump free homogenous slurry.

FEATURES :

1. **Elastomeric** elastomeric flexible coating that accommodate cracks up to 2 mm with an elasticity of 40-50%
2. **Low water permeability** excellent resistance to ingress of water.
3. **Adhesion** excellent adhesion to concrete and masonry surfaces.
4. **Eco-friendly** Non-toxic with low VOC content.

PRECAUTIONS & LIMITATIONS

- Do not part mix. Mix the entire quantity of both the components at one go.
- Do not dilute.
- Always add powder to liquid to avoid lump formation.
- Do not flood or over expose the treated surface to water until it is completely cured.

Technical Information

2K

PROPERTIES	RESULTS
Nature and type	2 component (1 part polymer & 2 part powder)
Wet density of the mix	1.65 1.75 gm/ml
pH of the mix	10.0 12.0
Pot life of the mix @30°C in minutes	40 minimum
Elongation at break at DFT of 1 mm	40% minimum
Water permeability	Excellent no leakage observed after 24 hrs

SHELF LIFE & STORAGE

- Shelf life is 12 months from the date of manufacturing.
- Store in shed, protecting from direct sunlight and away from extreme temperature.
- In extremely hot temperature conditions, store in a temperature-controlled environment i.e. less than 30°C.

WATER REPELLENT

Silicone Based Water Repellent For Exterior



PB LION WATER REPELLENT is composed of Siloxane & Silane polymers dispersed in water. It is used for waterproofing of concrete & cementitious vertical walls of building because it penetrate deeply into the substrate & provides an effective water repellent protective coating. It does not changes the appearance of the substrate.

Packaging:

1-5 (L)

COVERAGE

On porous substrate – 5 to 6 m² / lit. On low porous substrate
7 to 8 S m² / lit.

AREAS OF APPLICATION

- Cement painted surfaces.
- Concrete, mortar Clay brick surfaces.
- Natural and artificial stones.
- Mangalore tiled roofs Corrugated AC sheet roofing, etc.

SHELF LIFE :

- Shelf life is 12 months in unopened packs stored at room temperature i.e.27°C.



ADVANTAGES :

- Easy of application.
- Ready to use, simply brushable or spray applied. Staining.
- Clear coating does not stain the treated surface.
- Does not change the appearance of exterior decorative coating.
- Prevents entry of moisture into the wall, but allows moisture to evaporate out.
- Prevent efflorescence .
- Cost effective.
- Due to low viscosity penetration is high, which provides the hydrophobic zone.



JOINT

FIXING SOLUTION

Epoxy Grout

3 PART | 30+ COLOURS

Polymer Modified

Cementitious Tile Joint Filler

6 COLOURS

EPOXY GROUT

3 PART



PB LION Epoxy Grout is a stainless, chemical resistant, hard wearing & impervious epoxy-based tile joint filler which has high degree of resistance to abrasion, impact & shocks. It is designed for grouting gap between glazed, ceramic, porcelain, vitrified & fully vitrified tiles, natural stones & Glass mosaics.

*Perfect choice
for your tiles*

Packaging:

1- 5 kg.



AREAS OF APPLICATION

Floor & walls of internal & external area*, dry as well as wet area, water submerged area, food, Pharma & Hygiene required areas, area containing aggressive chemicals*, heavy traffic / movement areas, domestic applications, commercial applications, wider tile joints.

30+ SHADE AVAILABLE



MIXING

- Shake the bottle of Hardener and stir the Base prior to mixing.
- Pour Part A (Base) & Part B (Hardener) into a clean mixing pail.
- Add Part C Filler Powder and mix until a uniform color & consistency Achieved.
- Avoid air bubble formation by mixing at very high speed or by over-mixing.
- Use the paste within 30 minutes from mixing.



COVERAGE

Approx 100 RFT per 1kg. (4mm joint)

TILE GROUT

Polymer Modified Cementitious Tile Joint Filler



PB LION Tile Grout is a polymer based cementitious tile joint filler used in filling joints of all kind of tiles. It effectively fills the gaps and levels it self to give hard wearing, non-dusting, tile joints. **PB LION** Tile Grout does not allow moisture / water to seep into the back of the tile and cause its dislocation. It firmly holds the tiles together to give a long life to the floor tiles.

PB LION Tile Grout is available in 6 pleasing colours to match the colour of tile. it is recommended for Filling joints upto 3 mm width depending on site condition.



*Perfect choice
for your tiles*

Packaging:

1- kg.

AREAS OF APPLICATION

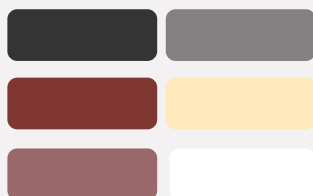
As a tile joint filler in floor and wall tiles, for internal & external applications like commercial establishments, laboratories, bakeries, super markets, showrooms, hospitals, parking lanes etc.

TILE GROUT

6

COLOURS

AVAILABLE



APPLICATION METHOD

- Add 2.5 to 3 parts **PB LION** Tile Grout to one part of water by volume. Mix to a smooth consistency.
- Apply the paste to the tile joints with a sponge / squeeze trowel. Remove surplus **PB LION** Tile Grout with a damp sponge. Allow 24 hours for the filling to dry. Then polish the tile with a clean, dry cloth.



SHELF LIFE

- 12 months for sealed pack when stored under cover, out of direct sunlight, dampproof condition and protect from extremes of temperature.

BOND PLUS

STANDARD EPOXY ADHESIVE



PB LION is the most advanced, new generation, high performance, room temperature curing, two-component epoxy adhesive system. It has an extremely high impact resistance as well as shear strength. Also, it provides higher coverage compared to standard epoxy adhesives and is suitable for external applications due to its all weather support. Moreover, it also offers less clamping time and more pot life making it suitable for large surface applications and increased productivity. KONDITE can be used for bonding various similar and dissimilar materials such as metals, ceramics wood, leather, rubber, marble, glass, etc.



Packaging:

450 gm & 1.8 kg set

Applications

- Fixing of marble & granites in kitchen, bathroom, and window frames.
- Assembly of any marble item like in temples, wash basin, etc.
- Handicraft applications.
- Wood working like wood to wood, wood to marble and wood to glass bonding.
- Grouting of railings.

Advantages

- High bonding strength
- All Weather Support.
- 7 times more Impact & vibration resistance than Standard Epoxy Adhesives
- 20% more coverage than standard epoxy, leading to reduce application cost
- 75 mins. pot life at 25°C (100 gm mass)
- Holding strength in just 4 hours
- More Productivity due to fast setting time

Shelf Life

- 2 years from the date of manufacturing.

How to use

- Surfaces must be clean, dry, and free from oil, wax and paint. Roughen smooth surfaces for better adhesion by sandblasting or sanding with emery cloth. Wash glass and ceramic surfaces with soap and water then rinse and let dry. Pre-fit parts to be joined. Squeeze equal volume of material from both part-A & part-B. Mix resin and hardener for one minute thoroughly and then apply as per requirement. Clamp both the surfaces for 4 hrs. Leave it for 24 hours to achieve optimum strength.

tile

Spacer



AVAILABLE

SIZE

2 mm

3 mm

4 mm

5 mm

6 mm

7 mm

DESCRIPTION:

Tile Spacers allow you to evenly space tiles for uniform grout lines and provide quick, professional looking result. They work with all sizes of ceramic tile, porcelain, stone and marble.



Packaging:

100_{nos.}

PB LION

ROOF MASTER



ADVANTAGE OF ROOF MASTER

Water Proofing of basements, toilets, terraces, roofs, swimming pools, water towers etc.

PB LION

TILE CLEANER

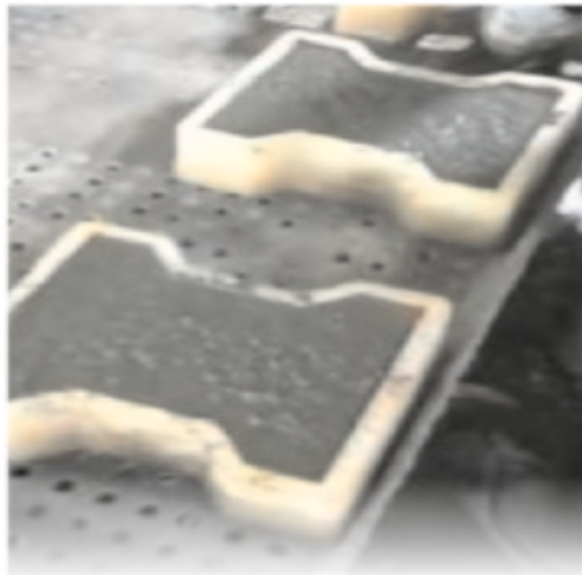


ADVANTAGE OF TILE CLEANER

Tile cleaner uses of cleaning for mosaic tiles, ceramic tiles, vitrified tiles. It increases of tiles life.

PB LION

PRECAST HARDNER



ADVANTAGE OF PRECAST HARDNER

It uses in precast concrete plant like cement blocks, cement pipes, paver blocks, plants.

Mixing Ratio : 300 - 400 ml uses in 50 kg cement bag mortar



THINK QUALITY -THINK PB LION



Mfg & Mkd By:
BOND PLUS INDUSTRIES
RAJASTHAN (India)

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