



WATERPROOFING MATERIALS



VT-410

- Concrete Wall
- Concrete Roof



VT-440

- Wet Area
- Bathroom
- Kitchen



VT-420

- Gutter
- Down Pipe



VT-430

- Floor Tile



VT-400

- Basement Wall



VT-442

- Swimming Pool



040-026
"Low Emission Low Toxicity
Adhesive / Sealant"





WATERPROOFING MATERIALS

VT- 400 VitalProof BX

- Bitumen Emulsion Coating

Description: A dark-brown water-based bitumen emulsion. It will dry into a black coating that is flexible, odor and taint free. It features micro porous-breathes to stop blistering, high temperature stability and no re-emulsification in water. It is anti-fungal, anti-bacterial and free of toxic components. It is effective in reducing "concrete cancer", carbonation, spalling and soleplate attack.

Applications:

General damp-proofing: concrete, brick, bitumen & mastic asphalt membranes, asbestos cement, slates, tiles, lead copper, zinc, corrugated iron and similar surfaces.

Wet area waterproofing: toilet, kitchen, balconies, walls, planter box, insulation protection etc.

Metal protection: against pipe corrosion, structural steelwork, gutting and down pipes, shed walls water tanks, troughs, metal fence posts, garden frames windmill frames, drums, outdoor machinery and other metallic equipments.



Vitalproof Bitumen Emulsion (Dark Brown/Black)	
Product Code	Packing Details
VT-4004K5	4.5 kg x 4/ctn.
VT-40018K	18 kg/pail
VT-40020K	20 kg/pail
VT-400200K	200 kg/drum

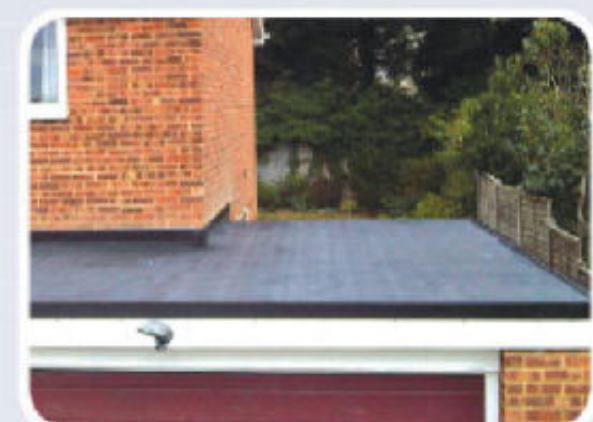
VT- 410 VitalCoat

- Acrylic Elastomeric Coating

Description: A ready to use, acrylic based elastomeric coating for joint-less sealing of roofs and other substrates with a lot of crack and water seepage. It is solvent free, flexible, weather resistant, UV resistant, impervious to water. It can be sprayed and is with good thixotropic properties thus suitable for vertical surface applications (e.g. wall).

Applications: Well-suited for repair of various types of roofs with lots of crack and water seepage, and other areas prone to weathering. It offers excellent long term protection against weathering damages for concrete, screeds, wood, metal, composite fiberboard, foam board and other substrates.

Available Color: White, Grey, Green & Red



Vitalcoat Acrylic Polymer (White/Grey)	
Product Code	Packing Details
VT-4101K	1 kg x 12/ctn.
VT-4105K	5 kg x 4/ctn.
VT-41020K	20 kg/pail

VT- 420 VitalBand

- Bitumen Flashing Tape

Description: A black bituminous compound covered by a reinforce aluminum film. It is a versatile self-adhesive tape for instant flashing applications. It is ready to apply, weatherproof, with outstanding durability and is economical.

Applications:

Protection: Asphalt, brickwork, concrete, fiber cement sheet, metal and plastic materials, roofs and covering etc.

Sealing & Waterproofing: Glass & plastic windows frames, parapets, skylight structures etc.

Repair Work: Metal and fiber cement sheet roofing, shingles, gutters and metal tube etc.



VitalBand Bitumen Flashing Tape				
Product Code	Measurement			Packing Details
	Width	Length	Thickness	
VT-420501	50 mm	1 m	1.5 mm	48 packs/ctn.
VT-420503	50 mm	3 m	1.5 mm	48 rolls/ctn.
VT-42050	50 mm	10 m	1.5 mm	36 rolls/ctn.
VT-42075	75 mm	10 m	1.5 mm	24 rolls/ctn.
VT-420100	100 mm	10 m	1.5 mm	18 rolls/ctn.
VT-420150	150 mm	10 m	1.5 mm	12 rolls/ctn.
VT-420300	300 mm	10 m	1.5 mm	6 rolls/ctn.

VT- 430 Vital SBR Latex - Carboxylated Styrene Butadiene Resin

Description: A superior quality waterproofing copolymer latex with a blend of special auxiliary chemicals. It is a water base dispersion of SBR which will substantially improve the performance of concrete and mortars used for repairs, floor toppings and renders in building and construction industry. By carefully selecting the proportions of cement, sand, water and SBR, it will be ideal for bonding of tiles as well as natural stone, marble, granite, slate and ceramic tiles onto concrete, plaster, concrete block, fiber cement sheet, particle board, old ceramic tiles etc.

Applications:

Flooring Systems: from underlayments to the tough industrial screeds.

Concrete Repair: general repair of old building, patch repairs, floors, reinforced concrete, etc.

Primer/Bond Coats and Protective Coatings: enhance protection of structure against salts, carbonation, mild acid, etc.

Waterproofing: general waterproofing of floors, walls, bund walls, and tanking applications.

Mortar/Render: improve adhesion, crack resistance and weather resistances.

Grouts: increase bond, chemical resistance and crack resistance.

Tile Adhesives: to provide a high safety factor against failure, even in permanently wet conditions.



Vital SBR Latex	
Product Code	Packing Details
VT-4304L	4 L x 6/ctn.
VT-43018L	18 L/pail
VT-43020L	20 L/pail

VT- 440 VitalShield - Cementitious Waterproofing

Description: A semi-rigid cement based of two components polymer modified waterproof coating. It is formulated with specially selected and graded fine quartz and high quality polymer to create brushable, smooth slurry with excellent bond and adhesion to most substrates.

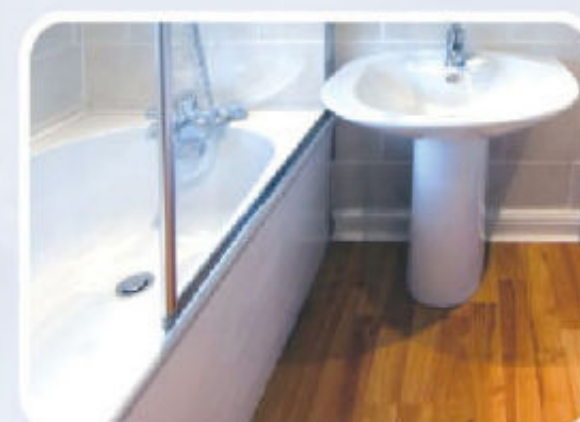
It seals pores voids and cracks of substrates and yet provides a breathable coating which allows water vapor transmission.

VT- 440 VitalShield has the following advantages:

- Excellent water resistance for both positive and negative side application.
- Being cementitious, it has similar expansion as concrete and become part of the structure after cured.
- Provides a tough, durable, seamless and flexible film and protects concrete from corrosive salts and atmosphere gases, and offer attractive textural finish for decorative purpose.
- Coating is breathable, allowing transmission of water vapor from interior of the building.
- VOC compliant, nontoxic, efficient and economical to apply.
- Puncture resistance due to the hardness and strength of the cementitious base.

Applications: It is used to provide water and damp proofing coats to concrete structures, bricks and masonry works, plasters etc. It is also used in underground retaining walls, tunnels and basements. Foundation walls and footing subjected to ground moisture can also be protected by coating of VT-440 VitalShield.

VitalShield		
Product Code	Measurement	Packing Details
VT-4405K	4 kg Powder + 1 kg Latex	4 sets/ctn.
VT-44025K	20 kg Powder + 5 kg Latex	1 set/ctn.



VT-442 VitalShield Flex - Flexible Cementitious Waterproofing

Description: A two part polymer modified, flexible waterproofing coating. Upon mixing, it become a brushable, smooth slurry with excellent bonding to most substrates. It is applied to concrete and mortar to prevent water infiltration.

Advantages:

- It is polymer modified, thus improves the bonding strength on most substrates.
- It is flexible, hence it can accommodate moderate movement of hairline cracks up to 0.3mm.
- It has good resistance to weathering, thus suitable for use in exposed conditions.
- It is non toxic and can be applied on surfaces in contact with drinking water.
- It is permeable hence allows surface to breath, preventing the buildup of vapour pressure.
- It is easy to mix and to apply.

Applications: It is formulated as an effective waterproofing coating on a variety of substrates which includes water tanks, basements, car parks, terraces, balconies, bridges, retaining wall, swimming pools, RC gutters, bathroom floor, and walls, planter boxes, wet areas like kitchens, waste water treatment plants, shower room etc.



VitalShield Flex		
Product Code	Measurement	Packing Details
VT-4427K	5 kg Powder + 2 kg Latex	4 sets/ctn.
VT-44233K	23 kg Powder + 10 kg Latex	1 set/ctn.

V-tech® is the registered trademark of Vital Technical, LLC

www.vitaltechnical.com



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