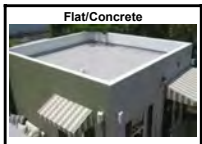
WATER PROOFING FOR ROOFS:

There a various solutions for the Problem of a Leaking roof
Important to know what type of roof?

NABAKI AFRIKA
Quality Building Products

Flat/Concrete	Pitched - Mbati	Pitched - Concrete Tile	Pitched - metal Roof tile
			
Due to "ponding" any material used must be cementious or bitumenous, any acrylic system will soften when exposed to long periods underwater	Pitched Mbati Roofs, if laid properly should not leak - but if they do it is due to poor installation and usually at the flashing or gulleys. Acylic or Bitumenous products can be used - but also check any vertical nails	Piched Concrete/Clay roofs can be more difficult to repair especially if there is driving rain which can enter the tiles horizontally - cement repairs should use bonding liquid to avoid cracking	Due to their interlocking nature, Metal roof tiles should not leak - but if they do it is due to poor installation and usually at the flashing or gulleys

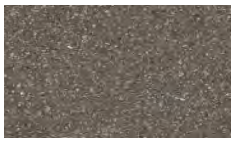
1. FLAT ROOFS

1.1 BITUMEN ROLLS

TEGOLA CANADESE

COLOURS

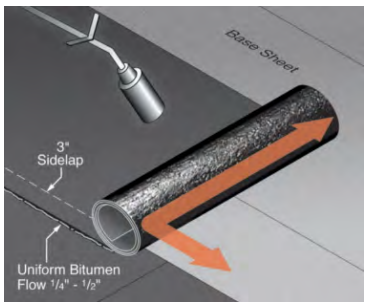
280010 **Bituminous Membrane Qtz P 4 Sand Roll size 1m x 10m x 4mm**



280020 **Granule Membrane Qtz P 4 White Roll size 1m x 10m x 4kg/m2**

280030 **Granule Membrane Qtz P 3.5 Green Roll size 1m x 10m x 3.5kg/m2**

280040 **Granule Membrane Qtz P 3.5 Red Roll size 1m x 10m x 3.5kg/m2**



280100 **Primer 23kg (0.2-0.5 litres/sqm)**

280200 **Torch w pressure regulator Prof "N" 50mm diameter**

1.2 CEMENTITIOUS-CRYSTALINE (Concrete Slabs)

1.2.1 XYPEX - Crystaline Waterproofing

CODE	PRODUCT	DESCRIPTION	USES	FEATURES & BENEFITS	COVER RATE
240000	**Xypex - Concentrate 25 Kg** 	Xypex is a unique chemical treatment for the waterproofing,protection and repair of concrete. XYPEX CONCENTRATE is the most chemically active product within the Xypex Crystalline Waterproofing System. When mixed with water, this light grey powder is applied as a cementitious slurry coat to above-grade or below-grade concrete, either as a single coat or as the first of a two-coat application. It is also mixed in Dry-Pac form for sealing strips at construction joints, or for the repairing of cracks, faulty construction joints and honeycombs. Xypex prevents the penetration of water and other liquids from any direction by causing a catalytic reaction that produces a non-soluble crystalline formation within the pores and capillary tracts of concrete and cement-based materials.	• Reservoirs • Sewage and Water Treatment Plants • Underground Vaults • Secondary Containment Structures • Foundations • Tunnels and Subway Systems • Swimming Pools • Parking Structures	• Resists extreme hydrostatic pressure • Becomes an integral part of the substrate • Can seal hairline cracks up to 0.4 mm • Allows concrete to breathe • Highly resistant to aggressive chemicals • Non-toxic • Does not require a dry surface • Cannot puncture, tear or come apart at the seams • No costly surface priming or leveling prior to application • Does not require sealing, lapping and finishing of seams at corners, edges or between membranes • Can be applied to the positive or the negative side of the concrete surface • Does not require protection during backfilling or during placement of steel, wire mesh or other materials • Less costly to apply than most other methods • Not subject to deterioration • Permanent	For normal surface conditions, the coverage rate for each Xypex coat is 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m2). Where a single heavy coat is to be used the coverage rate is 2.0 lb. /sq.yd. (1.0 kg/m2).
240300	Xypex - Concentrate 5 Kg				
641090	**Masterseal 501 25kg** 	MasterSeal® 501, is a cement based capillary crystalline waterproofing material that is applied against surface waters in old and new structures from negative and positive directions	■ Interior and exterior areas for vertical and horizontal applications ■ Waterproofing of foundations and curtain walls ■ Water tanks ■ Tunnels ■ Elevator pits ■ Supporting walls, dams and harbors	■ Easy to prepare and apply. ■ Applied by brush. ■ Long working time. ■ MasterSeal® 501 fills the capillary gaps by forming permanent (insoluble) crystals and enables water impermeability. ■ Protects concrete. ■ Resistant to negative and positive water pressure. ■ Water vapor permeable. ■ Resistant to freeze-thaw cycle.	First Coat: 1.00 kg/m2 powder product Second Coat: 1.00 kg/m2 powder product
240400	**Xypex - Modified 25 Kg** 	Xypex is a unique chemical treatment for the waterproofing,protection and repair of concrete. XYPEX MODIFIED can be applied as a second coat to reinforce Xypex Concentrate, or applied by itself to dampproof the exterior of foundation walls. Applied as a second coat, Xypex Modified chemically reinforces Xypex Concentrate where two coats are required and produces a harder finish. Where dampproofing is required, a single coat of Modified may be used as an alternative to a spray/tar emulsion. Xypex prevents the penetration of water and other liquids from any direction by causing a catalytic reaction that produces a non-soluble crystalline formation within the pores and capillary tracts of concrete and cement-based materials.	Xypex Modified can be applied as a second coat to reinforce Xypex Concentrate, or applied by itself to dampproof the exterior of foundation walls. Applied as a second coat, Xypex Modified chemically reinforces Xypex Concentrate where two coats are required and produces a harder finish. Where dampproofing is required, a single coat of Modified may be used as an alternative to a spray/tar emulsion. Xypex prevents the penetration of water and other liquids from any direction by causing a catalytic reaction that produces a non-soluble crystalline formation within the pores and capillary tracts of concrete and cement-based materials.	• Resists extreme hydrostatic pressure • Becomes an integral part of the substrate • Allows concrete to breathe • Resistant to aggressive chemicals • Non-toxic • Does not require dry weather or a dry surface • Cannot puncture, tear or come apart at the seams • No costly surface priming or leveling prior to application • Does not require sealing, lapping and finishing of seams at corners, edges or between membranes	For normal surface conditions, the coverage rate for each coat is 6 - 7.2 sq. ft. per lb. (1.25 - 1.5 lb. per sq. yd. or 0.65- 0.8 kg/m)
240700	**Xypex - Modified 5 Kg**				

1.3 CEMENTITIOUS-POLYMER (Concrete Slabs)

642190	**MasterSeal 588, kit**	**35 kg**	MasterSeal 588 powder and liquid when mixed forms a brushable waterproof slurry, which cures to a flexible elastomeric membrane. It is applied to a minimum 2 mm thickness in two coats by stiff brush, broom or spray	Water retaining structures which may be subject to movement. • As part of the basement waterproofing system, in areas sensitive to movement, vibration and settlement • To protect concrete from water of low pH or soft quality, carbonation and de-icing salts • Suitable for internal and external use, against positive and negative water pressure • As a resilient coating to protect concrete on bridge parapets, columns, piers, on land and in marine environments • Waterproofing of new structures where movement is expected from drying shrinkage • Once cured, a 2mm thick MasterSeal 588 membrane will accommodate up to 0.5mm, or 1.5mm of movement when reinforced with FX Mesh. Note: MasterSeal 588 is not suitable for prolonged contact with hydrocarbons such as petrol, fuel oil, etc.	• Reg 31 approved for use with potable water • Retains flexibility when submerged • Good chemical resistance against soft water, domestic and sewage waste water and other liquids moderately aggressive to mineral substrates • Resistant to occasional foot traffic • 2mm of cured coating equivalent to 500mm of concrete cover • Freeze/thaw resistant • Water vapour permeable* • Non-solvented – safe to handle and use, environmentally friendly	Liquid content 10 litres of MasterSeal 588 liquid per 25 kg bag of MasterSeal 588 powder.
	MasterSeal 590 (Waterplug), 5 kg		MasterSeal 590, when mixed with clean water, provides a ready to use ultra rapid setting durable plugging mortar for active water leaks in concrete and masonry. The material expands as it cures to form a watertight seal with similar characteristics to concrete	MasterSeal 590 is used to stop active water or seepage under pressure through joints, cracks and holes in concrete or masonry, where a normal mortar would be washed away and resin mortars would not bond. Areas of use include: • As a seal for construction joints or floor joints prior to basement tanking with. • For instant sewer connections • For sealing cracks and construction joints in reservoirs and other water retaining structures • For rapid anchoring of bolts, conduits, pipes, railings, sanitary equipment, etc. • Joint filling, pointing between concrete segments in concrete and	Ultra-rapid set, instant plugging of leaks • Requires the addition of water only • Expands as it sets, ensuring a permanent watertight seal • Similar characteristics and compatible with concrete • Chloride-free • Does not promote corrosion of the reinforcement	1kg of powder will fill approximately 585cm3 or a joint 20mm x 20mm x 1.45m.
642580						
704600	**Moyaproof WS2 20kg+5L kit Grey**		Semi flexible cementitious waterproofing Suitable for many waterproofing applications, such as swimming pools, balconies, bathrooms, wet areas, basements, roof waterproofing system in damp conditions where other systems cannot be used, lift pits, etc.			6.30 m2/set at 2 mm
704610	**Moyaproof WS2 (3006) - 20kg+5L kit Sahara**		Semi flexible cementitious waterproofing Suitable for many waterproofing applications, such as swimming pools			6.30 m2/set at 2 mm
704650	**Moyaproof WS2 (6177) - 20kg+5L kit Baby Blue**		Semi flexible cementitious waterproofing Suitable for many waterproofing applications, such as swimming pools	Suitable for waterproofing of swimming pools, balconies, bathrooms, wet areas, basements, roof waterproofing system in damp conditions where other systems cannot be used, lift pits, etc. Can also be used as a backing coat for marble, stone and other mineral based cladding to protect against rising moisture.		6.30 m2/set at 2 mm
704700	**Moyaproof GP - 25kg**		GENERAL PURPOSE ECONOMICAL WATERPROOFING SYSTEM. DESCRIPTION.MoyaProof GP is polymer based single component cementitious waterproofing slurry coat system containing waterproofing additives. MoyaProof GP is non toxic and can be used for potable water tanks. STANDARDS.	Can be used as a waterproofing system in various applications such as, wet areas, bathrooms, balconies, gardens, planters, kitchens, lift pits, water tanks, concrete surface behind cladding, etc. Can also be used as a backing coat for marble, stone and other mineral based cladding to protect against rising moisture.		7.80 m2/bag at 2 mm
704720	**Moyaproof HF 6L set**		Polymer modified highly flexible cementi-tious waterproofing liquid applied membrane		Used as liquid applied waterproofing membrane for marine structures, basement, bathrooms, wet areas, swimming pools, roof waterproofing, water tanks, etc.	0.5 m2/ltr at 2 mm
BASF	**MasterSeal 588**		Liquid Applied Membrane - Cementitious	Cementitious MasterSeal 588 Elastomeric Elastomeric Cement Based Waterproofing Coating		

2. PITCHED ROOFS - (Concrete & Clay tiles)

2.1 ACRYLIC COATINGS - Roofs

642240 Masterseal 300H White, 20 Litres

MasterProtect 300 is a single component, high performance, acrylic resin based coating for long term protection of concrete & masonry from aggressive atmospheric gases such as, carbon dioxide, sulphur dioxide and chloride ions. It is available in standard pastel colours. It can be made available in custom colours subject to prior agreement.

MasterProtect 300 is recommended for external protection of concrete to prevent ingress of atmospheric corrosive gases, wind driven rain, and water borne chlorides. Applications include protection of: ┌ Bridges, Flyovers, Aqueducts, viaducts ┌ Residential & Commercial Buildings ┌ Multi storey car parks & podiums ┌ Chimneys, cooling towers and silos. Jetties and berths. ┌ Overhead water tanks. ┌ Industrial buildings and power plants. MasterProtect 300 is not recommended for application in areas likely to be submerged in water and on floors subjected to traffic.

Anti-carbonation and sulphate coating - High resistance to CO2& SO2 diffusion. ┌ Resistant to diffusion of chloride ions – suitable for marine applications. ┌ UV resistant – suitable for exposure. ┌ Resists water ingress and permeable to water vapour – suitable for exposure to splashes or wind driven rain ┌ Resists dirt pick up, and growth of fungus – suitable for use in the tropics ┌ MasterProtect300 – copes with thermal movements of buildings. ┌ Washable - coating with excellent durability

The coverage rate is strongly influenced by the roughness and porosity of the substrate. Minimum recommended rate of application for MasterProtect 300 is 0.45 Kg/m2 /coat. Each pack of 20kg is sufficient for an area of 22 m2 to achieve the recommended final dry film thickness of 300µ.

705000 Elastoclad 20L

The Elastoclad system comprises a single component water based, high solids, 100% acrylic copolymer waterproof membrane coating applied over a range of primers dependent on the substrate type. Elastoclad is a crack accommodating coating containing additives to inhibit the growth of mould and resist bacterial growth and resists aggressive elements. Elastoclad complies with the requirements of EN 1504-2 as protective coating.

Use as a decorative, waterproofing membrane to most types of building facades, walls, roofs and gutters after the recommended primer/sealer application. Elastoclad has approval for the safe encapsulation of asbestos and for use in "wet areas" such as bathrooms. It provides a protective waterproofing skin over polyurethane foam, protecting the PU foam from UV and weather attack. On roofs and balconies, Elastoclad provides a durable, non skid, waterproof finish which will accept regular foot traffic. When applied as a multi-layer system incorporating reinforcement fabric, Elastoclad is also suitable for waterproofing concrete decks subject to light vehicular traffic.

• Proven track record over 30 years.
• Safe to use, water based acrylic formulation.
• Easy water cleanup.
• One component - readily applied direct from pail.
• Excellent resistance to UV, weathering and CO2.
• Excellent build properties enable application to both horizontal and vertical surfaces. Lightweight no topping required.
• Can be applied to a wide range of substrates.
• Various colours available. Colour fast.
• Highly flexible - accommodates movement and minor cracking of substrates.
• No solvents or fire hazard. No pungent smell.
• Acoustic dampening properties.
• Excellent long term durability.
• Fast application.
• High solids & resin content.
• Remains flexible through use of high grade 100% elastomer acrylic polymers.
• Low maintenance costs.
• Reduced energy cost due to heat reflectivity.
• Resistant to foot traffic.
• Excellent dirt releasing ability.
• No need to remove existing system in maintenance situation e.g. existing sheet membrane, therefore reduces programme time, noise, dirt, debris etc.

Elastoclad: 2.8 m2 /litre per coat* Elasto Coat Clear Sealer: 7 m2 /litre per coat Contite Moisture Barrier: 3 m2 /litre per coat Elastoclad Acrylic Sealer: 12 m2 /litre per coat

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641100 MasterSeal 550K White, 20 kg kit

MasterSeal 550 is a two component acrylic modified cementitious coating that requires only on site mixing to form the ideal product to waterproof and resurface concrete, masonry, and most other construction materials. Simply applied by stiff brush, roller, or trowel, it forms a waterproof, flexible coating. MasterSeal 550 provides an effective barrier to waterborne salts and atmospheric gases. Fluid applied, MasterSeal 550 provides a hard wearing, seamless, waterproof membrane for roofs and foundation protection.

□ To reface and even out variations in concrete surfaces. □ As a waterproof lining for water retaining structures. □ For coating seawater channels. □ Sealing and coating tie bar holes to ensure watertightness. □ For waterproofing and protection against brackish water. □ To provide foundation protection. □ As a waterproof coating for roofs. □ As a backing to marble and granite to prevent water ingress and thus alleviate surface staining. □ To provide protection to concrete surfaces from carbonation and chloride attack. □ For use on pedestrian walkways in marine areas.

□ Waterproof □ Excellent adhesion. Bonds to porous and nonporous surfaces. □ Flexible. □ Non toxic suitable for contact with potable water. □ Suitable for light pedestrian traffic. □ Breathable - whilst repelling water, allows substrate to breathe. □ High resistance to chloride ion diffusion. □ Unlike conventional coatings which require a 7- 28 day cure of concrete, MasterSeal 550 can be applied to 24 hour-old concrete thereby giving immediate protection.

1.826 kg / m² at 1 mm thickness.

353500 Rainseal Green 1L

ALCOLIN RAINSEAL is a high quality waterproofing system, formulated to provide long-lasting water protection. It is a UV resistant acrylic-based emulsion coating, which can be used in conjunction with ALCOLIN WATERPROOF MEMBRANE.

ALCOLIN RAINSEAL is ideal for use on galvanized and asbestos roofs, concrete parapets, flashings, vertical walls, cement and clay tiles, chimneys, etc. It can also be used as a coating to seal roofs, walls, brickwork and other exterior surfaces.

: Approx. 4,5 m2 per litre

353600 Rainseal Red 1L
353700 Rainseal Grey 1L
353705 Rainseal Grey 5L
353800 Rainseal White 1L
353900 Rainseal Black 1L

291000 **Synroof HB Waterproofing White 20 Kg** 291020 **Synroof HB Waterproofing White 5 Kg**	SYNROOF HI-BUILD is an elastometric, single pack roofing compound. Based on special Acrylic Polymers, it is ideal for dry substrate where it forms a seamless, joint free, water and weather tight elastic membrane.	Existing Roofs. SYNROOF HI-BUILD is suitable for roofs ranging from asphalt and asbestos cement to terrazzo tiles and concrete. The substrate may be horizontal or inclined. Use as a waterproofing membrane in traditional (warm roof), un-insulated and inverted roof structures.	• Resistant to aging & UV radiation • Accepts light foot traffic • Withstands temperatures from - 5° C to+100° C • Ease of application • Non-toxic & non-hazardous • Non-flammable as a liquid compound	For 1 mm thick dry film allow approx. 2kg/m2 \^
330201 **Flexicote 1L Black** 330203 Flexicote 1L Burgundy 330204 Flexicote 1L Charcoal 330209 Flexicote 1L White	Economical and easy to use, Flexikote is a water-based acrylic waterproofing solution with an 8-year guarantee that forms a strong barrier against water and moisture. Used in conjunction with Duramesh membrane, Flexikote withstands cracking and movement of the underlying surface, and offers a resilient, UV and puncture resistant coating. It is available in a variety of colours and can be used on cement, plaster, concrete, galvanized iron and even old paint.	Flexikote is used with Duram Duramesh membrane to seal joints and cover hairline cracks on roofs. It can be used on flashings, roof joints, roof screws, parapets and wall and chimney cappings. CVR: 1 litre per 0.4 – 0.5 m² per coat, applied in 4 coats.Weather walls: 1 litre per 3m² per coat, applied in 2 coats.	• Quality acrylic waterproofing paint with an 8-year quality guarantee; • Resilient, flexible, UV and weather resistant; • Used with Duramesh, it withstands cracking and movement of the underlying surface; • Seals joints and covers fine cracks; • Can be applied over previously painted surfaces; • Easy to apply and economical; • Attractive finish in a variety of colours; • Single product: primer, saturator and topcoat all in one; • Application tools are easy to clean with water while they're still wet; • A maintenance coat is only required every 3 to 4 years;	CVR: 1 litre per 0.4 – 0.5m² per coat, applied in 4 coats. Weather walls: 1 litre per 3m² per coat, applied in 2 coats.
330261 Rainkote Fibre-Tech Black 5L 330262 **Rainkote Fibre-Tech Blue 5L** 330268 **Rainkote Fibre-Tech Terracota 5L** 330269 **Rainkote Fibre-Tech White 5L**	Rainkote Fibre-Tech is a flexible, pure acrylic waterproofing solution that offers the added strength of reinforcing fibre particles that overlap while you paint. With Rainkote Fibre-Tech, there's no need for a waterproofing mesh, and you're left with a thick, strong and flexible waterproof coating that lasts. Colours: White, Grey, Black, Red, Charcoal, Terracotta, Blue and Green	Rainkote is used with Duram Duramesh membrane to seal joints and cover hairline cracks on roofs, as well as flashings, roof joints, roof screws, parapets and wall and chimney cappings. CVR: 1 litre per 0.4 – 0.5 m² per coat, applied in 4 coats. Weather walls: 1 litre per 3m² per coat, applied in 2 coats.	• Fibre-reinforced pure acrylic waterproofing; • Non-drip and goes on quickly and easily; • Bridges hairline cracks without the need for a mesh or membrane; • The fibres make it tough, durable and flexible; • UV and weather resistant; • Can be overcoated with most paints; • Aesthetically pleasing and is available in a variety of colours; • Fish and plant friendly, so you can use it in your pond; • An excellent way to maintain previous waterproofing applications; • Tools are easy to clean with water while still wet; • Superior quality	0.5m² per litre per coat. Applied in a 2 coat application. Coverage will vary depending on the porosity and profile of the surface
704755 **Moyashield ACC 20L Clear**	Pure aliphatic acrylate based anti carbonation protective coating		It is designed to provide protection for atmospherically exposed, reinforced concrete structures against attack from moisture ingress, acidic gases, sulphates, carbonations and chloride ions for buildings, villas, marine structures, concrete cladding, precast units, bridges, domes, car park walls and ceilings, boundary walls, stairs, cement silos, etc.	4-4.5m2/ltr/coat at 200 microns wft (90 microns dft)

4. BITUMEN BASED

CODE	PRODUCT	DESCRIPTION	USES	FEATURES & BENEFITS	COVER RATE
330301	Durabit 1L Black	Durabit is a bitumen-based waterproofing solution that dries to a thick waterproof membrane that is suitable for long-term immersion in water. Economical and water-based, Durabit can be applied to most surfaces and protects the surface from degrading. Durabit is a rubber latex modified bituminous waterproofing emulsion incorporating elastomers and reinforcing agents. Durabit is formulated to a brushable consistency, but with sufficient body to allow a thick built-up waterproofing membrane.	Used to seal retaining walls, cavity walls, dams, reservoirs and water features, as well as behind tiles in showers, bathrooms and kitchens. Can also be applied to roofs and gutters, with an overcoat of Duram SilverShield. CVR: Without membrane: 1 litre per m² per coat, applied in 2 coats. With membrane: 1 litre per 0.3m² per coat, applied in 3 coats.	• Safe and easy to apply;• Economical and versatile;• Forms a durable, tough, flexible and elastic waterproof membrane;• Water-based and non-flammable;• Can be built up to a thick, impenetrable membrane;• Can be used on most surfaces and bonds well;• Does not affect or taint water in any way once dry (one initial flush is recommended);• Suitable for permanent immersion in water (Durabit does not re-emulsify after full cure and istherefore suitable for use under continuous water immersion);• Tools are easy to clean with water when still wet;• Protects the substrate from degradation;• Excellent weathering and ageing properties when coated with an approved U.V protection coat.	Applications without Duram Duramesh: 1m² per litre per coat. Applied in a 2 coat application. Applications with Duram Duramesh: Apply in a 3 coat application as follows: First coat 1.3m² per litre, second coat 1.3m² per litre, third coat 1.6m² per litre. This results in a full system coverage of 0.7 m² per litre. As a primer: 2.5m² per litre (if required, diluted 1:1). Applied in a 1 coat application. Maintenance coat: 1m² per litre per coat. Applied in a 1 coat application.
330305	Durabit 5L Black				
330310	Dura Prime 1L Clear	Water-based epoxy primer for damp and bituminous surfaces in preparation for waterproofing.	Used as a primer for both damp and dry surfaces, or to prime bituminous surfaces or seal screeds.	Penetrates surface for optimum adhesion. Compatible with most surfaces. Easy to apply – no skilled labour or specialized equipment required.	5 – 7m² per litre per coat. Applied in a 1 coat application. Coverage will vary depending on the porosity and profile of the surface.
330320	DuraPond Clear 5L	A polyurethane pond sealer ideal for drinking water and fish ponds.	For fishponds, water features and water tanks, as well as planters and plant pots. CVR: 1 litre per 0.6m² per coat, applied in 3 coats resulting in a dry film thickness of ± 1 mm.	Withstands permanent immersion in water. Fish friendly and non-toxic. Odourless when dry. Flexible and durable. Easy to apply.	
330325	DuraPond Black 5L	A polyurethane pond sealer ideal for drinking water and fish ponds.	For fishponds, water features and water tanks, as well as planters and plant pots. CVR: 1 litre per 0.6m² per coat, applied in 3 coats resulting in a dry film thickness of ± 1 mm.	Withstands permanent immersion in water. Fish friendly and non-toxic. Odourless when dry. Flexible and durable. Easy to apply.	0.6m² per litre per coat. Applied in a 3 coat application.
642590	MasterSeal 621, 200 Litres	MasterSeal 621 is a brown rubber/bitumen liquid emulsion with excellent adhesion which dries to a tough black seamless, flexible damp-proof and vapour-proof membrane.	□ Tanking and damp-proofing structures: to provide an impervious damp-proof membrane on concrete and brick. □ Floors: to provide a sandwich membrane in new construction or a surface treatment. □ Walls: for interior and exterior walls. □ Roofs: for the maintenance of many types of roofs including built-up felt, asphalt, lead, zinc, aluminium, concrete, lightweight screeds, timber, slate, asbestos cement, corrugated iron, and as a vapour barrier. □ As an adhesive: for bonding wood blocks and wood mosaics, insulation board, expanded polystyrene and cork tiles and to provide a key for plastering.	BELOW GROUND PROTECTION MasterSeal 621 may be applied to green concrete immediately after shuttering has been removed. Blind the first coat with clean sharp sand to afford higher dry film thickness and aid monitoring layer applications. SANDWICH MEMBRANE Two coats to be applied at right angles, blind second coat with clean sharp sand to provide a mechanical key for top screed (minimum thickness 50mm). MasterSeal 621 membrane should marry up with D.P.C. (where applicable). WALLS WITH DAMPNESS Remove any coatings and plaster back to the blockwork. Apply three coats MasterSeal 621 blinding the final layer with clean sharp sand whilst still tacky. Replaster using a render modified with MasterCast 141.	Use Number of coats 1st coat 2nd coat 3rd coat Priming coat: (when required) Diluted with five parts water 1 7.50 Damp-proofing and protective coating of structures: Bridge abutments, retaining walls, culverts, concrete or brick foundations, concrete columns and beams. 2 2 2.25 Floors: sandwich membrane surface treatment 2 2 1.50 2.00 1.50 2.00 Walls: interior and exterior 3 2.25 2.25 2.25 Roofs (with reinforcing scrim) felt, asphalt, lead, zinc, aluminium, concrete, timber, slate or corrugated roofs. Vapour barrier. 3 2 1 1 1.50 1.50 1.50 Adhesive: wood blocks, wood mosaics insulation board, expanded polystyrene, cork slabs. Plastering on difficult surfaces. 1 2 1.50 4.50 4.50

704760 Moyashield BE 200L

Water based bitumen emulsion protective coating

It is used as a damp proofing, protective coating for rafts, underground structures, civil structures, precast panels, pipes, etc.

2.5m2/ltr/coat at 400 microns wft (200 microns dft)

704765 **Moyashield BE 20L**

FABRICS

290000 **Fabric 1 x 1 M**

290010 **Fabric 1 x 300 M roll**

290001 **Fabric (WP 90) 1mx1m**

290011 **Fabric (WP 90) 100mx1m roll**

TAPES:

310500 Mastic Triangular Strip 350x50x65mm

310510 Aluminium Flashing Tape 50mm x 2.5m

371600 Bostik Dit Sit 50mm x 2m — is a self-adhesive butyl sealing tape which is excellent for creating a watertight seal on almost any surface.

310515 Petroleum Tape 50mm x 10m

310520 PVC Outerwarp Tape 50mm x 33m (yellow)

310525 Priming Solution 1 Litre