



PRODUCT SELECTION GUIDE



**Waterproofing
Membranes**

WATERPROOFING MEMBRANES

Waterproof Membrane	Liquid Applied			Main Properties							Application	
	Polyurethane / Polyurea	Cement / Polymer	Synthetic Resin	Component	UV Resistant	Internal Wet Areas	Compliance with AS4858	Below Grade / External Walls / Planter Boxes	Car Parks / Roof Decks Balconies / Plant Rooms	Potable Water Tanks	Roller / Trowel / Brush	Spray
MasterSeal 615			●	1		●	●				●	
MasterSeal 540		●		2	●	●	●			●	●	
MasterSeal HLM 5100SL & HLM 5200TIX			●	1			●	●			●	
MasterSeal M 820	●			2				●	●			●
MasterSeal M 210SL & M 210TIX	●			1				●	●		●	
Waterproofing Systems (Primer, Membrane, with or without Wear coat, Topcoat)												
MasterSeal Traffic 1500MD	●			3	●				●		●	
MasterSeal Traffic 2000HD & 2500HD *	●			4	●				●		●	*
MasterSeal Roof 3000 & 3500 *	●			3	●				●		●	*

MasterLife® 300D

Crystalline capillary waterproofing admixture

DESCRIPTION:

MasterLife 300D admixture is an integral crystalline capillary waterproofing admixture for concrete. It is designed for use in above and below grade applications.

RECOMMENDED FOR:

- Sewage and water treatment plants
- Liquid retaining structures
- Water reservoirs and tanks for potable water
- Swimming pools
- Foundations, basements, lift pits, podiums, balconies and roofs
- Parking structures
- Precast, prestressed and post-tensioned concrete
- Culverts
- Blockfill
- Tunnel and subway systems
- Shotcrete
- Concrete subjected to wet, harsh and aggressive environments

FEATURES AND BENEFITS:

- Integral addition for optimum performance
- Reduces concrete permeability
- Allows concrete to breathe
- Reduces penetration of water and other liquids
- Seals hairline cracks
- Resists positive and negative side hydrostatic pressure
- Protects against sewage and industrial wastes

ESTIMATING DATA:

The dosage for MasterLife 300D admixture is 2% by weight of binder

PACKAGING:

MasterLife 300D admixture is available in 5 x 4 kg dissolvable bags packed in a pail.

MasterSeal® 615

Water-based, single component, polyurethane modified, Class III membrane

DESCRIPTION:

MasterSeal 615 is a fibre enhanced one component water-based polyurethane membrane that has been designed for a range of waterproofing applications where the membrane is to be covered over with tiles, screeds, concrete beds etc.

Based on unique polyurethane technology, MasterSeal 615, provides a user friendly one component membrane that achieves good film build, with reinforced and elastomeric properties once the membrane is dried.

MasterSeal 615 offers excellent adhesion properties over building substrates including concrete, masonry, renders, cement sheeting, wet area sheet surfaces and plasterboard surfaces.

MasterSeal 615 meets the requirements of:

- AS/NZS 4858:2010 Wet Area Membranes as a Class III membrane (CSIRO Test Report. No.6805.4A)
- AS3740:2010 Waterproofing of Wet Areas Within Residential Buildings
- Green Building Council of Australia in accordance with SCAQMD Method 304-91 Determination of Volatile Organic Compounds (VOC)

RECOMMENDED FOR:

- General internal wet areas under tiles including bathrooms, shower alcoves, laundries, change rooms, etc
- External/internal light foot traffic areas under tiles such as podiums, terraces, balconies and deck areas
- Sandwich seal between existing and new substrate, eg old to new concrete; cement screeds over concrete and CFC surfaces
- Waterproofing applications requiring high vapour barrier

FEATURES AND BENEFITS:

- **Excellent low water vapour transmission** properties and is fully compatible with polymer modified cement based tile adhesives, screeds and renders
- **Able to move with structure** - elastomeric and flexible with good tensile strength
- **Suitable for constantly wet conditions** - once cured will not re-emulsify
- **Unaffected by bathroom chemicals** - excellent chemical resistance
- **Fast drying** - can be recoated just after 2 hours and serviceable after 24hrs @ 23°C
- **Orange colour** – makes on site QA simpler by clearly showing coated and uncoated areas
- **Matched reinforced corner tapes MasterSeal 970, 960 & 950** - save time and cost, by eliminating need for corner sealants and mortar cants
- **High viscosity thixotropic liquid** - applicable for both horizontal and vertical surfaces (walls & floors)

ESTIMATING DATA:

A minimum of two coats is recommended to be applied. For optimum performance a total minimum coverage of 1.5 litres/m² is recommended, meaning one pail will cover approx 10m². This results in a Dry Film Thickness of 1.2mm.

PACKAGING:

MasterSeal 615 is available in 15 litre containers, with a net weight of 19kg.

MasterSeal® 540

Two component, cementitious acrylic waterproofing membrane

DESCRIPTION:

MasterSeal 540 is a two component flexible cementitious waterproof membrane ideal for use under tiles. MasterSeal 540 provides toughness and tensile strength through integral fibre reinforcement. Advanced acrylic polymers combined with cements and special fine fillers achieve an excellent flexible waterproof membrane barrier particularly suited for under tile applications.

RECOMMENDED FOR:

MasterSeal 540 is designed to be used as an effective waterproofing membrane under tiles on a variety of substrates. Applications include:

- Terraces and balconies
- Internal and external laundries
- Commercial kitchens
- Other incidental internal wet areas
- Suitable as a membrane for lining concrete tanks to be used for potable water
- Suitable for collection tanks for grey water.
- MasterSeal 540 meets the requirements of:
 - AS3740:2010 Waterproofing of Wet Areas Within Residential Buildings
 - AS 4020:2002 Suitable to be in contact with Potable water

FEATURES AND BENEFITS:

- **Polymer modified** - improved bond strength on substrates such as concrete, wallboard, cement sheeting, masonry and plywood
- **Permeable to water vapours** - allows surface to breathe, preventing buildup of moisture in structure, reducing maintenance
- **Flexible** - can withstand moderate movement of hairline cracks. Bridges cracks up to 1mm in width, reducing maintenance
- **Flexible to minus 5°C** - suitable for use at low temperatures
- **Brushable consistency** - easily applied by brush or spray
- **Non-toxic** - can be applied onto surfaces in contact with drinking water

ESTIMATING DATA:

The recommended coverage of MasterSeal 540 is 2 L/m² per coat to obtain an approximate wet film thickness of 2mm. Each kit of MasterSeal 540 yields 18 litres, meaning one kit will cover approx 9m² at 2mm thick, per coat. Two coats required. Actual coverage depends upon the method of application, the texture and porosity of the surface. Therefore material requirement is approximately 2 kg/m² for a total dry film thickness of 1 mm (± 0.1mm) in two coatings.

Note: use only complete packs.

PACKAGING:

MasterSeal 540 is available in 25kg packs:

10kg of Part A in a plastic container

15kg or Part B in a paper bag

MasterSeal[®] HLM 5100TIX

Water-based, single component, bitumen free, liquid applied waterproofing membrane

DESCRIPTION:

MasterSeal HLM 5100TIX is a single component, bitumen free water based, polymer waterproofing membrane that cures by crosslinking to form a tough membrane. MasterSeal HLM 5100TIX protects structures from water penetration while remaining flexible to handle the nominal expansion and contraction of substrates.

MasterSeal 5100TIX meets the requirements of:

- AS/NZS 4858:2010
- AS3740:2010
- Green Building Council of Australia in accordance with SCAQMD Method 304-91 Determination of Volatile Organic Compounds (VOC)

RECOMMENDED FOR:

MasterSeal HLM 5100TIX is used for waterproofing of vertical areas including but not limited to: exterior walls, below grade concrete and block work, planter boxes, lift pits and between concrete slab waterproofing applications.

MasterSeal HLM 5100TIX is not suitable for direct sticking of tiles; the application of a screed is recommended if tiling is desired. MasterSeal HLM 5100TIX is not suitable for lining water retaining structures.

FEATURES AND BENEFITS:

- **Able to move with structure** - elastomeric and flexible with good tensile strength
- **Suitable for constantly wet conditions with drainage** - once cured will not re-emulsify
- **Inert when cured** - resists bacterial attack and salts found in ground waters
- **Monolithic** - eliminates lapping, seaming, and precutting
- **Tough and durable** - long-term protection
- **Good adhesion to a wide range of substrates** - including concrete, render, masonry, fibre cement, sheet, timber, clay brick, concrete block, aerated concrete, and treated metal
- **Root-resistant barrier** - suitable for planter boxes and garden beds
- **High viscosity thixotropic liquid** - applicable for both horizontal and vertical surfaces (walls & floors)

ESTIMATING DATA:

Wet Film Thickness @ 1.5mm = 1m²/litre (1.2mm DFT)

Coverage per 15 litres is approximately 10m²

PACKAGING:

MasterSeal HLM 5100TIX available in 15 litre pails.

MasterSeal[®] HLM 5200SL

Water-based, single component, bitumen free, liquid applied waterproofing membrane

DESCRIPTION:

MasterSeal HLM 5200SL is a single component, bitumen free water based, polymer self-levelling waterproofing membrane that cures by crosslinking to form a tough membrane. MasterSeal HLM 5200SL protects structures from water penetration while remaining flexible to handle the nominal expansion and contraction of substrates.

MasterSeal HLM 5200SL meets the requirements of:

- AS/NZS 4858:2010
- AS3740:2010
- Green Building Council of Australia in accordance with SCAQMD Method 304-91 Determination of Volatile Organic Compounds (VOC)

RECOMMENDED FOR:

MasterSeal HLM 5200SL is used for waterproofing horizontal areas including but not limited to: exterior structures, below grade concrete and block work, planter boxes, landscaped decks, lift pits and between concrete slab waterproofing applications. MasterSeal HLM 5200SL is not suitable for direct sticking of tiles; the application of a screed is recommended if tiling is desired. MasterSeal HLM 5200SL is not suitable for lining water retaining structures.

FEATURES AND BENEFITS:

- **Able to move with structure** - elastomeric and flexible with good tensile strength
- **Suitable for constantly wet conditions with drainage** - once cured will not re-emulsify
- **Inert when cured** - resists bacterial attack and salts found in ground waters
- **Monolithic** - eliminates lapping, seaming, and precutting
- **Tough and durable** - long-term protection
- **Good adhesion to a wide range of substrates** - including concrete, render, masonry, fibre cement, sheet, timber, clay brick, concrete block, aerated concrete, and treated metal
- **Root-resistant barrier** - suitable for planter boxes and garden beds

ESTIMATING DATA:

Wet Film Thickness @ 1.5mm = 1m²/litre (1.2mm DFT)

Coverage per 15 litres is approximately 10m²

PACKAGING:

MasterSeal HLM 5200SL available in 15 litre pails.

MasterSeal® Traffic 1500 MD

Medium duty traffic deck crack-bridging waterproofing system

DESCRIPTION:

MasterSeal Traffic 1500 MD is a liquid applied, crack bridging traffic deck waterproofing system based on advanced polymeric materials. It consists of a primer, an elastomeric single pack polyurethane waterproofing membrane and a polyurethane combination wear and top coat. The seamless coating has an attractive, skid resistant, UV and weather resistant finish which is easy to clean and maintain. It is resistant to spills of petrol, diesel oil, battery acid, de-icing salts and alkaline cleaners.

RECOMMENDED FOR:

MasterSeal Traffic 1500 MD is intended for use on exposed decks and ramps where moderate crack bridging and wear resistance are required. MasterSeal Traffic 1500 MD is ideal for foot traffic areas, podiums, car parks of condominiums or offices which have no public parking.

MasterSeal Traffic 1500 MD is also used on intermediate decks underneath which are offices, sales rooms, storerooms etc.

FEATURES AND BENEFITS:

- **Fast return to service** - can be driven on 72 hours after system installation
- **Crack bridging** - old cracks
- **Easy application** - single pack application with squeegee making installation simple
- **Monolithic** - no welds laps or seams
- **Skid resistant** - profile can be altered to suit needs
- **UV and weather resistant** - suitable for external application
- **Chemical resistant** - to chemical found in car parks fuels, battery acid, alkaline cleaners
- **Low dirt retention and colours available** - aesthetic and easy to clean and maintain

SYSTEM BUILDUP:

Total thickness approx. 2.0-2.5mm

Consumption figures are a guide only and may be higher on rough or porous substrates

Primer Broadcasting	MasterEmaco 2525 MasterTop Filler F5 or oven dried silica sand, (0.3-0.8mm)	0.3 -0.5L/m ² (2-3.3M ² /L) 0.8 - 1.0kg/m ²
Membrane	MasterSeal M 210	1.3 -1.8 L/m ² (0.5 - 0.8m ² /L)
Top Coat Broadcasting	MasterSeal TC 465 MasterTop Filler F10 recommended or other oven dried silica sand, size 0.3 - 0.8mm	0.3 - 0.5L/m ² (2 - 3.3m ² /L) 1.0 – 3.0kg/m ²
Top Coat	MasterSeal TC 465 (per coat)	0.15 - 0.25L/m ² (4-6m ² /L)

APPLICATION:

For detailed, product specific application instructions, please see individual product data sheets and application guides.

MasterSeal® Traffic 2000 HD

High traffic deck crack-bridging waterproofing system

DESCRIPTION:

MasterSeal Traffic 2000 HD is a liquid applied, crack bridging traffic deck waterproofing system based on advanced polymeric materials. It consists of a primer, a hand applied elastomeric polyurethane waterproofing membrane, a polyurethane wear coat and a polyurethane top coat. The seamless coating has an attractive, skid resistant, UV and weather resistant finish which is easy to clean and maintain. It is resistant to spills of petrol, diesel oil, battery acid, de-icing salts and alkaline cleaners.

RECOMMENDED FOR:

MasterSeal Traffic 2000 HD is suitable for shopping centre car parks or public parking areas with high traffic densities.

MasterSeal Traffic 2000 HD is intended for use on exposed decks and ramps where maximum crack bridging and wear resistance are required. MasterSeal Traffic 2000 HD is also used on intermediate decks underneath which are offices, sales rooms, storerooms etc.

FEATURES AND BENEFITS:

- **Fast return to service** - can be driven on 48 hours after system installation
- **Crack bridging** - new and old cracks
- **Separate waterproofing membrane and wear coats** - long term protection of membrane and ease of repair
- **Monolithic** - no welds laps or seams
- **Slip resistant** - profile can be altered to suit needs
- **Separate wearcoat** - excellent wear resistance
- **UV and weather resistant** - suitable for external application
- **Chemical resistance** - to chemicals found in car parks fuels, battery acid, alkaline cleaners
- **Very low dirt retention and colours available** - aesthetic and easy to clean and maintain

SYSTEM BUILDUP:

Primer	MasterEmaco 2525	0.3 - 0.5L/m ² (2 - 3.3M ² /L)
Broadcasting	MasterTop Filler F5 or oven dried silica sand, (0.3 - 0.8mm)	0.8 - 1.0kg/m ²
Optional Adhesion Promoter	MasterTop P 692	0.05-0.1L/m ² (10-20m ² /L)
Membrane	MasterSeal M 210SL/TIX	2.2 - 2.7L/m ² (0.37 - 0.45m ² /L)
Wear Coat	MasterSeal 882	0.4 - 0.7L/m ² (1.4 - 2.5m ² /L)
Broadcasting	MasterTop Filler F10 or oven dried silica sand (0.3-0.8mm)	2.0 - 4.0kg/m ²
Top Coat	MasterSeal TC 465	0.4 – 0.65L/m ² (1.5-2.5 m ² /L)

Total thickness approx. 3.0 - 4.0mm

Consumption figures are a guide only and may be higher on rough or porous substrates.

APPLICATION:

For detailed, product specific application instructions, please see individual product data sheets and application guides.

MasterSeal® Traffic 2500 HD

Heavy duty traffic deck crack-bridging waterproofing system

DESCRIPTION:

MasterSeal Traffic 2500 HD is a liquid applied, crack bridging traffic deck waterproofing system based on advanced polymeric materials. It consists of a primer, a spray applied elastomeric polyurethane/polyurea Hybrid waterproofing membrane, a fast polyurethane wear coat and a polyaspartic or Polyurethane top coat. The seamless coating has an attractive, skid resistant, UV and weather resistant finish which is easy to clean and maintain. It is resistant to spills of petrol, diesel oil, battery acid, de-icing salts and alkaline cleaners.

RECOMMENDED FOR:

MasterSeal Traffic 2500 HD is intended for use on exposed decks and ramps where maximum crack bridging and wear resistance are required.

MasterSeal Traffic 2500 HD is suitable for shopping centre carparks or public parking areas with high traffic densities.

MasterSeal Traffic 2500 HD can be made very fast return to service by choosing different components.

MasterSeal Traffic 2500 HD is also used on intermediate decks underneath which are offices, sales rooms, storerooms etc.

FEATURES AND BENEFITS:

- **Fast return to service** - can be driven on in 18-24 hours after system installation
- **Crack bridging** - new and old cracks
- **Separate waterproofing membrane and wear coats** - long term protection of membrane and ease of repair
- **Easy application** - spray application making detailing simple
- **Monolithic** - no welds laps or seams
- **Separate wearcoat** - extended wear resistance to rubber tyred vehicles
- **Slid resistant** - profile can be altered to suit needs
- **UV and weather resistant** - suitable for external application
- **Chemical resistant** - to chemical found in car parks fuels, battery acid, alkaline cleaners
- **Very low dirt retention and colours available** - aesthetic and easy to clean and maintain

SYSTEM BUILDUP:

Primer	MasterEmaco P 2525	0.3 - 0.5L/m ²
Broadcasting	MasterTop Filler F4 or oven Dried Silica Sand (0.3 - 0.8mm)	0.8 - 1.0kg/m ²
Optional Adhesion Promoter	MasterTop P 692	0.05 - 0.1kg/m ²
Membrane	MasterSeal M 820	1.8 - 2.4kg/m ²
Wear Coat	MasterSeal M 882	0.4 - 0.7L/m ²
Broadcasting	Ucrete Filler F10 or F20 recommended or oven Dried Silica Sand (0.3 - 0.8mm)	2.0 - 4.0kg/m ²
Top Coat	MasterTop 1260 MasterSeal TC 465	0.2 - 0.4L/m ² 0.4 - 0.6kg/m ²

Total thickness approx. 4.0 - 4.5mm

Consumption figures are a guide only and may be higher on rough or porous substrates.

APPLICATION:

For detailed, product specific application instructions, please see individual product data sheets and application guides.

MasterSeal® Roof 3000

Liquid applied crack bridging waterproofing membrane for exposed situations

DESCRIPTION:

MasterSeal Roof 3000 is a liquid applied, crack bridging roof waterproofing system based on advanced polymeric materials. It consists of a primer, an elastomeric polyurethane waterproofing membrane, and a polyurethane top coat. The seamless coating has an attractive, UV and weather resistant finish which is easy to clean and maintain.

RECOMMENDED FOR:

MasterSeal Roof 3000 is intended for use on exposed roof slabs. MasterSeal Roof 3000 is also used on slabs with pedestrian or maintenance traffic.

FEATURES AND BENEFITS:

- **Crack bridging** - copes with existing and newly formed cracks
- **Long life** - UV and weather resistant
- **Easy to apply** - no pre-stripping of cracks or joints, spray application of the membrane
- **Attractive appearance** - colours available
- **Easy to clean and maintain** - very low dirt retention

SYSTEM BUILD UP:

MasterSeal Roof 3000 is composed of:

Primer	MasterEmaco 2525	0.3 - 0.5L/m ²
Broadcasting	MasterTop F5 Filler or oven Dried Silica Sand (0.3 - 0.8mm)	0.8 - 1.0kg/m ²
Membrane	MasterSeal M 210SL (Horizontal)	1.1 - 1.7L/m ² WFT
	MasterSeal M 210TIX (Vertical)	1.1 - 1.7L/m ² WFT
Top Coat	MasterSeal TC 465	0.5 - 0.8kg/m ²

Total thickness approx. 2.0mm (min)

Consumption figures are a guide only and may be higher on rough or porous substrates.

APPLICATION:

For detailed, product specific application instructions, please see individual product data sheets and application guides.

MasterSeal® Roof 3500

Liquid applied roof slab crack-bridging waterproofing system

DESCRIPTION:

MasterSeal Roof 3500 is a liquid applied, crack bridging roof waterproofing system based on advanced polymeric materials. It consists of a primer, an elastomeric polyurethane/polyurea hybrid waterproofing membrane, and a polyurethane top coat. The seamless coating has an attractive, UV and weather resistant finish which is easy to clean and maintain.

RECOMMENDED FOR:

MasterSeal Roof 3500 is intended for use on exposed roof slabs. MasterSeal Roof 3500 is also used on slabs with pedestrian and maintenance traffic.

FEATURES AND BENEFITS:

- **Crack bridging** - copes with existing and newly formed cracks
- **Long life** - UV and weather resistant
- **Easy to apply** - no pre-stripping of cracks or joints; spray application of the membrane
- **Attractive appearance** - colours available
- **Easy to clean and maintain** - very low dirt retention

SYSTEM BUILD UP:

MasterSeal Roof 3500 is composed of:

Primer	MasterEmaco 2525	0.3 - 0.5L/m ²
Broadcasting	MasterTop Filler F5 or oven Dried Silica Sand (0.3 - 0.8mm)	0.8 - 1.0kg/m ²
Membrane	MasterSeal M 820	1.8 - 2.4kg/m ²
Top Coat	MasterSeal TC 465	0.5 - 0.8kg/m ²

Total thickness approx. 2.5mm (min)

Consumption figures are a guide only and may be higher on rough or porous substrates.

APPLICATION:

For detailed, product specific application instructions, please see individual product data sheets and application guides.

MasterSeal® M 210SL

MasterSeal® M 210TIX

Single component, polyurethane solvent based waterproofing membrane

DESCRIPTION:

MasterSeal M 210 is a liquid applied single pack, highly elastic, moisture-cure polyurethane seamless waterproofing membrane. It creates a tough, continuously elastomeric membrane to achieve long term protection against water ingress. It is available in self leveling (SL) and thixotropic (TIX) versions.

RECOMMENDED FOR:

MasterSeal M 210 is used as waterproofing membrane in a variety of general concrete waterproofing applications including covered areas of commercial and industrial buildings and exterior surfaces subject to light vehicle or pedestrian traffic loads.

MasterSeal M210 provides durable attractive membrane to: Carpark decks, balconies, plaza decks, rooftops, plant rooms, inverted roofs, under tile beds and as base layer for BASF MasterSeal Traffic 1500 MD & Traffic 2000 HD and MasterSeal Roof 3000 Waterproofing systems.

MasterSeal M 210 membrane system can be applied to most clean, dry, stable surfaces including concrete, precast segments, fibre cement sheet, CFC, concrete masonry, brick, render, metals and some plastics.

MasterSeal M 210 meets the requirements of:

- AS/NZS 4654.1
- AS4858:2004
- Green Building Council of Australia in accordance with SCAQMD Method 304-91 Determination of Volatile Organic Compounds (VOC)

FEATURES AND BENEFITS:

- **Monolithic waterproof** - protects occupied areas below from water damage, no laps, welds or seams.
- **Slip resistant surfaces** - increase pedestrian and vehicular traffic safety.
- **Seamless membrane** - bridges existing cracks.
- **Fully bonded membrane** - eliminates water tracking if damaged.
- **User friendly** - easy application, simple repair procedure.

ESTIMATING DATA:

One pail of MasterSeal M 210 will cover an area approximately 14 m² for a DFT of 1mm. For more details, refer to MasterSeal Traffic 1500 MD & Traffic 2000 HD and MasterSeal Roof 3000 system data sheets and application guides.

PACKAGING:

MasterSeal M 210 is available in 15 litre units, weight is 19 kg.

MasterSeal® M 820

Two component, solvent free polyurethane/polyurea hybrid, spray applied waterproofing membrane

DESCRIPTION:

MasterSeal M 820 is a solvent free, two component, highly elastic and very fast curing waterproofing membrane. Due to its fast cure speed it can only be applied by special, two component spray equipment.

RECOMMENDED FOR:

MasterSeal M 820 is intended for use in general waterproofing applications such as car park decks, podium decks, retaining walls and cut and cover tunneling as part of the MasterSeal Traffic 2500 HD and MasterSeal Roof 3500 systems.

Using the appropriate primer, MasterSeal M 820 can be applied to most substrates including concrete, galvanized steel, aluminum, UPVC, glass reinforced polyester etc.

MasterSeal M 820 meets the requirements of:

- AS/NZS 4654.1
- AS4858:2004
- Green Building Council of Australia in accordance with SCAQMD Method 304-91 Determination of Volatile Organic Compounds (VOC)
- GECA 23:2005 Architectural and Protective Coatings (Voluntary Environmental Declaration Standard for Environmentally Preferable Products and Services Sold on the Australian Market).

FEATURES AND BENEFITS:

- **Fast reacting spray application** - easy to apply on complex details; both horizontal and vertical surfaces without runs.
- **Monolithic** - no laps, welds or seams.
- **Crack bridging membrane** - combination of Tensile strength and elongation of system makes it cope better with structural movement and cracks that occur after installation.
- **High water vapour permeability** - low risk of blistering in service.
- **Solvent and monomeric isocyanate free** - increased safety for applicators.
- **Unaffected by standing water or ground water** – suitable for constant water contact.
- **Thermoset** - does not soften at elevated temperatures encountered on a roof and remains elastic at low temperatures-Tg approx. -45°C – suitable for all Asia Pacific climates.
- **Cost effective solution** - very fast curing time saves time of application and labour costs.
- **Long life** - durable waterproofing membrane. Warrantable for up to 20 years (conditions apply).

ESTIMATING DATA:

MasterSeal M 820 is normally applied at 1.8 – 2.4 kg/m². This corresponds to a thickness of approx. 1.8 – 2.4mm. For more details, refer to MasterSeal Traffic 2500 HD and MasterSeal Roof 3500 system data sheets and application guides

PACKAGING:

MasterSeal M 820 is supplied in 400kg kits, 200kg of Part A and 200kg of Part B.

MasterSeal® M 882

Three component, solvent free polyaspartic wear coat for use in high traffic waterproofing systems

DESCRIPTION:

MasterSeal M 882 is a wear coat for use in car park deck waterproofing systems. It is a solvent free, 3- component polyaspartic that consists of a liquid part A and liquid part B and a filler to adjust the viscosity for use on horizontal and sloping applications. It has a low consumption for economic use and exhibits an excellent bond to the waterproofing membrane. MasterSeal M 882 is slightly elastic so that it can accommodate some movement of the deck. It has a tenacious hold onto the broadcast aggregate providing a hard wearing, skid resistant surface.

RECOMMENDED FOR:

MasterSeal M 882 is primarily intended for use as the wear coat in MasterSeal Traffic 2000 HD and 2500 HD car park deck waterproofing systems. It can also be used in other systems where its low consumption and ease of application together with its excellent mechanical properties can be used to advantage.

FEATURES AND BENEFITS:

- **Long lasting non slip profile** - tenacious hold to broadcast aggregate
- **Withstands loads imposed by traffic** - excellent bond to waterproofing membrane
- **Suitable for prolonged use in car parks** - resistant to fuels, battery acid and hydraulic oils

ESTIMATING DATA:

The consumption of MasterSeal M 882 is 400-700 microns WFT.

PACKAGING:

MasterSeal M 882 is supplied in 12L working packs, comprising:

- MasterSeal M 882 Part A - 4L
- MasterSeal M 882 Part B - 4L
- MasterTop F11 - 8L

MasterSeal® P 692

A single component, solvent-based polyurethane primer and adhesion promoter

DESCRIPTION:

MasterSeal P 692 is a solvented, single component, moisture curing polyurethane primer and adhesion promoter for use below and/or on MasterSeal waterproofing membranes.

RECOMMENDED FOR:

MasterSeal P 692 is designed for use as an adhesion promoting primer on MasterSeal membranes especially after they have been exposed to dew or moisture and when wear coats are to be applied. It is necessary in all cases if the spray applied membrane has been left for more than 8 hours or overnight and the next coat is the wear coat.

Its uses include the application of a new membrane to an aged membrane e.g. in repair applications. It can also be used on aged membranes when renewing or repairing the UV protective top coat.

MasterSeal P 692 can also be used as a primer on sand broadcast epoxy primers prior to the application of a spray applied membrane in applications where the membrane is permanently exposed to significant stress from vehicle movements or the primer has been left for more than 3 days exposed.

It is also optional between existing topcoat and a new topcoat unless the old topcoat has been weathered and shows signs of chalking. It may be used if the topcoat although relatively new has had significant site traffic and the topcoat had been damaged. It is not necessary in most cases between the topcoat and the wear coat.

FEATURES AND BENEFITS:

- **Excellent adhesion to aged membranes** - ideal for repair situations.
- **Adhesion promoter** - ensures good chemical bond between membrane and wear-coat especially if the membrane has been exposed to water, and in applications where the membrane is permanently exposed to water.
- **Rapid cure** - does not slow the progress of the job.
- **Low viscosity** - easy to apply and low consumption.

ESTIMATING DATA:

The consumption of MasterSeal P 692 is between 0.05 and 0.1 kg/m² depending on the condition and porosity of the substrate.

MasterTop P 692 will foam if applied too thickly and this will cause de-bonding between primer and subsequent coats.

PACKAGING:

MasterSeal P 692 is supplied in cans of 1 litre and 10 litres.

MasterSeal® TC 465

UV and weather resistant coating

DESCRIPTION:

MasterSeal TC 465 is a pigmented, single component, moisture curing, UV and weather resistant, protective top coat. It is based on high quality aliphatic polyurethane pre-polymers.

RECOMMENDED FOR:

MasterSeal TC 465 has a number of applications including the top coat in the MasterSeal Traffic and Roof Systems, slip resistant top coats for roofing applications and in balcony waterproofing.

FEATURES AND BENEFITS:

- **Excellent UV and weather resistance** - suitable for exposed conditions
- **High gloss** - easy to clean
- **Fast curing** - ready for foot traffic in 24 hours
- **Highly elastic** - will move with the structure
- **Excellent abrasion resistance** - suitable for high traffic movements
- **Single component** - simple to use
- **Roller applied** - no special equipment

ESTIMATING DATA:

MasterSeal TC 465 is normally applied at 150 to 250 microns (0.15 – 0.25mm WFT), equivalent to 4.0 to 6.66 m²/lt which equates to a DFT of 0.1-0.2mm.

Each pail will therefore cover between 75m² to 125m² depending upon surface profile and desired film thickness.

For MasterSeal Traffic and Roof Systems, the need to add sand for non-skid applications will require higher usage of the MasterSeal TC 465 coverage of at least 250 microns per coat is recommended.

PACKAGING:

MasterSeal TC 465 pail contains 20kg (19 litres).