



**NIPPON
PAINT**

THE COATINGS EXPERT

WATERPROOFING SOLUTIONS

**FOR COMPLETE BUILDING PROTECTION
ABOVE GROUND WATERPROOFING**

Protect your building with
PROFESSIONAL
TOTAL BUILDING SOLUTIONS

ABOUT NIPPON PAINT MALAYSIA

At Nippon Paint, we pride ourselves as the coating experts, specialized in coatings for multi-surfaces and multi-segments and understand that every surface has its own unique characteristics and challenges. With that in mind and with Nippon Paint's spirit in providing the best value to our customers, we now include waterproofing to further enhance the essence of the Total Coating Solutions to our customers, providing correct and quality waterproof products to increase the durability and adequate protection for every buildings.

As the trusted brand for more than 50 years, we own a dedicated and proactive sales force and specification consultant team ready to attend to all your enquiries. Our professional technical consultants are ready for any technical assistance needed in pre, during and post waterproofing construction stages.

NIPPON PAINT TOTAL BUILDING SOLUTIONS



ARCHITECTURAL COATING SOLUTIONS



WATERPROOFING SOLUTIONS



FLOORING SOLUTIONS



PROTECTIVE COATING SOLUTIONS

OUR PROFESSIONAL SERVICES



PROJECT SPECIFICATION CONSULTATION



DETAIL DRAWINGS CONSULTATION



JOB-SITE TECHNICAL SUPPORTS



FORWARD COATINGS EXPO SEMINARS & TRAINING

NIPPON PAINT WATERPROOFING TECHNOLOGY

Backed with the knowledge and technology of our counterpart in China with a long established presence in the waterproofing industry, we have developed systems of products ranging from liquid applied, preformed sheet and cementitious type waterproofing membrane.

Our myriad selection of products offers waterproofing solutions for sub structures and super structures. Maturity of our waterproofing technology can be seen at international level.



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3	4
5	

1. Beijing-Shanghai High Speed Train, China
2. Hong Kong-Zuhai-Macau Bridge, China
3. GuangZhou MRT, China
4. Century Lotus Stadium, China
5. Yiwu Reservoir, China

WE ARE THE **TRUSTED BRAND**
FOR YOUR TOTAL BUILDING SOLUTIONS

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ABOVE GROUND

WATERPROOFING SELECTION GUIDE

		LM SERIES Liquid Membrane					SM SERIES Sheet Membrane			CM SERIES Cementitious		INTEGRAL SERIES
		TECHNOLOGY										
		PRODUCT										
		Nippon LM ACR (FLEX 200)	Nippon LM PUSIL	Nippon LM PUBIT WB (FLEX 100)	Nippon LM Polyurea SA-7102	Nippon LM Polyaspartic HA-7205	Nippon SM Bitumen M4000	Nippon SM Bitumen S3000	Nippon SM PVC PP1500	Nippon CM Flexible	Nippon CM Standard	Nippon WP100
		Acrylic Copolymer	Moisture Cure PU	Hybrid PU Bituminous	Pure Polyurea	Pure Polyaspartic	APP Modified Bituminous (Mineral Finish)	APP Modified Bituminous (Sand Finish)	Polyester Reinforced Polyvinyl Chloride (PVC)	Flexible Cementitious	Rigid Cementitious	Crystalline Admixture
ROOFS	Exposed Roof	●	●			●	●		●			
	Conceal Roof			●	●			●				
	Green Roof				●				●			
	Metal Roof		●		●	●			●			
	Cool Roof	●	●			●			●			
	Refurbishment of Old Roof	●	●			●	●		●			
	Podium Deck & Terraces		●	●	●			●	●			
WET AREAS	Exterior	●	●	●						●		
	Interior									●	●	
	WATER RETAINING	RC Pools				●				●		●
		RC Water Tanks				●				●	●	●
		Metal Tanks				●	●					
WALLS	Exterior Wall	●	●							●		
	Parapet Wall	●	●			●						



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ROOFS

Most roofs in Malaysia are constructed using reinforced concrete (RC) which is known to have pores or capillary tracts. Depending on the designed strength, density and installation techniques, the number of pores can vary. These pores are interconnected within the concrete and water will penetrate through via osmotic effect.

Concrete is known to be inherently weak in tension, where cracks and voids can form due to thermal expansion, contraction and shrinkage. As a result, water will seep through these voids. Therefore, waterproofing is required to prevent water leak through concrete slab as they exposed to weather.

Waterproofing membrane is considered to be most important component of the roofing system as it serves the main function of keeping water out of the building. Selection of material highly depends on type of roofing system design, where in the context of this brochure, it is categorized as exposed roof, conceal roof, green roof, and metal roof in general.

WATERPROOFING CHART

EXPOSED ROOF AND CONCEAL ROOF

LM SERIES (Liquid Applied Waterproofing Membrane)

SYSTEM	EXPOSED ROOF			CONCEAL ROOF	
Product	Nippon LM ACR (FLEX 200)	Nippon LM PUSIL	Nippon LM Polyaspartic HA-7205	Nippon LM PUBIT WB (FLEX 100)	NIPPON LM Polyurea SA-7102
Technology	Single component water based acrylic copolymer	Single component moisture cured polyurethane	Two-component pure polyaspartic	Two-component water based polyurethane modified bitumen	Two-component pure polyurea
Application	Roller / Brush / Airless Spray	Roller / Brush / Trowel / Airless Spray	Roller / Brush / Trowel / Airless Spray	Roller / Brush / Trowel / Airless Spray	Plural Spray
CHARACTERISTICS					
Green Label	● Compliance	● Compliance	● Compliance	● Compliance	● Compliance
Solid Content	● ≥60%	● 100%	● ≥80%	● ≥60%	● 100%
Weather Resistance	● Excellent	● Excellent	● Excellent	● Has to be protected	● Has to be protected (to prevent color change)
Elasticity	● Fair	● Good	● Excellent	● Good	● Excellent
Chemical Resistance	-	● Good	● Excellent	● Good	● Excellent
Abrasion & Impact Resistance	-	● Fair	● Good	● Fair	● Excellent
Other Advantages	● Easy application ● Breathable	● Excellent resistance to positive and negative water pressure	● Direct to metal	● Easy application	● Good noise reduction ● Rapid cure and fast return to service ● Anti-root
Standards / Compliance	● Green Label SGLS 032 ● JKR Green Directory	● Green Label SGLS 032 ● JKR Green Directory	● Green Label SGLS 032 ● JKR Green Directory ● SPAN certified ● MS 1583-1 portable water compliance	● Green Label SGLS 032 ● JKR Green Directory	● Green Label SGLS 032 ● JKR Green Directory ● SPAN certified ● MS 1583-1 portable water compliance
Packaging	● 20kg / pail ● 5kg / pail	● 20kg / pail	● Part (A): 17kg / pail ● Part (B): 10kg / pail	● 20kg / pail ● 5kg / pail	● Part (A): 220kg / drum ● Part (B): 200kg / drum

SM SERIES (Sheet Form / Prefabricated Membrane)

SYSTEM	EXPOSED ROOF		CONCEAL ROOF
Product	Nippon SM PVC PP1500	Nippon SM Bitumen M4000	Nippon SM Bitumen S3000
Technology	Polyester Reinforced Polyvinyl Chloride (PVC) Membrane	Atactic Polypropylene (APP) Modified Bituminous Membrane, with mineral finishing	Atactic Polypropylene (APP) Modified Bituminous Membrane, with sand finishing
Application	Loosely laid mechanical fastening hot-air welding	Torch apply	Torch apply
CHARACTERISTICS			
Weather Resistance	● Excellent	● Good	● Has to be protected
Flexibility	● Excellent	● Good	● Good
Mechanical & Impact Load Resistance	● Excellent	● Good	● Good
Puncture Resistance	● Excellent	● Good	● Good
Tear Resistance	● Excellent	● Good	● Good
Other Advantages	● Anti-Root	-	-
Standards / Compliance	● Green Label SGLS 032 ● JKR Green Directory	-	-
Packaging	40m ² / roll	10m ² / roll	10m ² / roll

EXPOSED ROOF

Small to medium roof and terraces

KEY USAGES

- Small to medium RC flat roof and terraces
- High pitch roof (i.e. >1:120)
- Low rise roof
- Car porch roof
- Asphalt / Bitumen roofs

NIPPON LM ACR (FLEX 200)

Liquid Membrane System

Single component, UV resistant, breathable elastomeric acrylic copolymer waterproofing

Nippon LM ACR (also known as Nippon FLEX 200) is an elastomeric, breathable, acrylic copolymer liquid apply waterproofing membrane. It is air cured to form a seamless, UV-durable, protective, waterproof and decorative membrane. It is resistant to sun, rain, wind or frost. Its micro structure keeps water out but allows water vapour to escape through it, and thus preventing blistering issue.

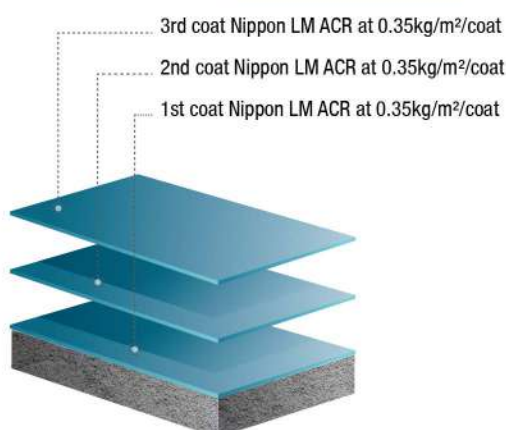
OTHER AREAS

- Walls
- A/C ledge
- Overhangs

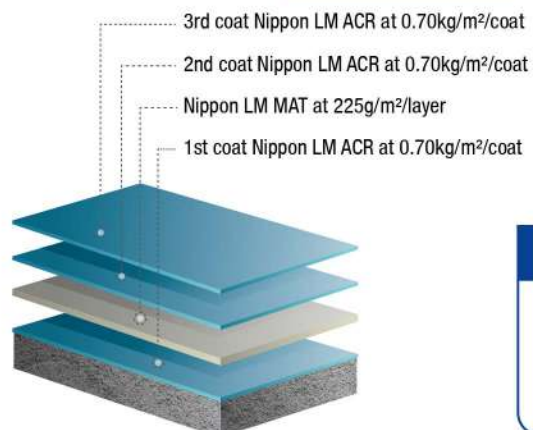
ADVANTAGES

- Easily applied even by non-skilled labour
- Flexible to bridge static cracks
- High build in masking substrates imperfections
- Good weather resistant
- Barrier against salts and atmospheric gases
- Versatile and multi-purpose
- Also compatible with corrugated iron, timber, asbestos, asphalt / bitumen substrate
- Comply with Green Label SGLS Category 032
- Approved in JKR Green Directory

SYSTEM BUILD UP Standard



SYSTEM BUILD UP Reinforcement



EXPOSED ROOF

RC roof with complex detailing

KEY USAGES

- RC roof with complex detailing
- Recoating of defective single-ply roofs

NIPPON LM PUSIL

Liquid Membrane System

Single component, UV resistant, moisture cure modified polyurethane waterproofing

Nippon LM PUSIL is a one component, ready to use moisture cure PU liquid apply waterproofing membrane based on hybrid technology. It exhibits many of polyurethane and acrylic waterproofing performance criteria. It reacts fast with the moisture in the atmosphere to form tough yet elastomeric seamless waterproof membrane, provide early rain resistant in 1 hour.

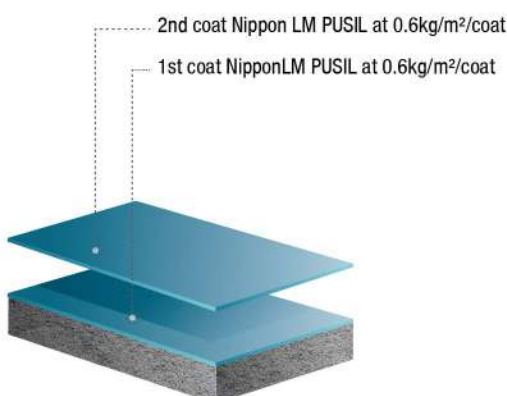
OTHER AREAS

- Interior and exterior wet areas
- Fountains and water features
- Exterior and interior walls with negative side water attack

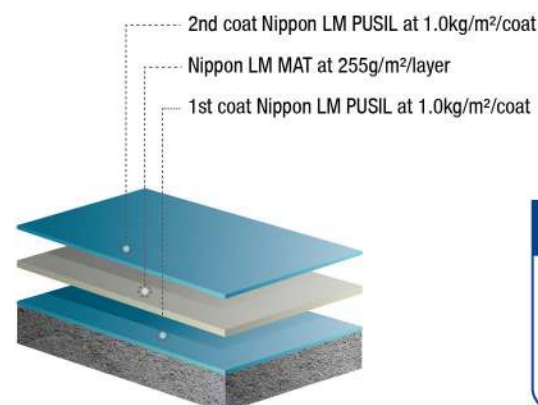
ADVANTAGES

- Excellent resistance to positive and negative water pressure
- Cost effective and speedy wet on wet application
- Early rain resistant
- Good resistant to standing water
- Excellent adhesion on most substrates
- Excellent elasticity and tensile strength
- Excellent weathering and UV stable
- High solar reflectivity index
- High build and non-shrinkage
- Also compatible with metal substrate
- Comply with Green Label SGLS Category 032
- Approved in JKR Green Directory

SYSTEM BUILD UP / Standard



SYSTEM BUILD UP / Reinforcement



EXPOSED ROOF

Medium to large roof and terraces

KEY USAGES

- RC roof
- Refurbishment of old roofs

NIPPON SM BITUMEN M4000

Sheet Membrane System

Atactic polypropylene (APP) modified bituminous, UV resistant, torch-on waterproofing sheet membrane, with mineral finishing

Nippon SM BITUMEN M4000 is an APP modified bitumen waterproofing membrane, reinforced with non-woven polyester felt, surfaced with reflective natural color slates to provide weather protection against UV and mechanical protection against light foot traffic as well as offering an aesthetic surface. It exhibits excellent mechanical strength, elasticity and durability. It is designed to place on top of the existing RC roof surface and providing an economical efficient waterproofing solution to RC flat roof.

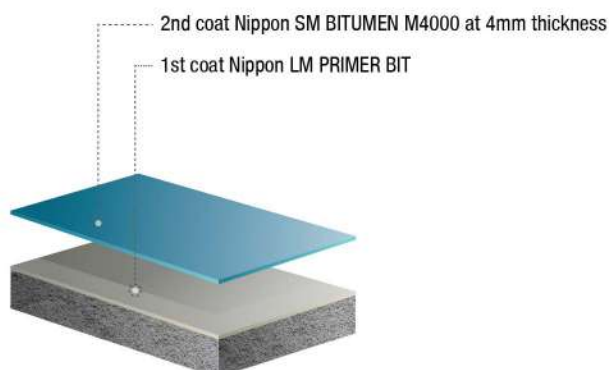
OTHER AREAS

- Basement raft slabs
- Underpass
- Bridges
- Ramps and driveway

ADVANTAGES

- Good weather resistance and UV stable
- Good flexibility to accommodate movements
- Excellent dimensional stability under tension
- Good puncture resistance
- Good heat resistance
- Good resistance to positive water and vapor pressure
- Resist water based chemicals

SYSTEM BUILD UP Standard



EXPOSED ROOF

Large roof and podium deck

KEY USAGES

- Large RC roof and podium deck
- Green roof and roof garden
- Refurbishment of old roofs
- Cool roofs

NIPPON SM PVC PP1500

Sheet Membrane System

Polyester reinforced polyvinyl chloride (PVC), UV resistant, mechanical fastening waterproofing sheet membrane

Nippon SM PVC PP1500 is a green label certified, polyester reinforced, UV-resistance, multi-layer, synthetic single-ply roofs waterproofing sheet membrane based on premium quality PVC containing ultraviolet light stabilisers, specially designed for all kind of exposed flat roofing and detailing project.

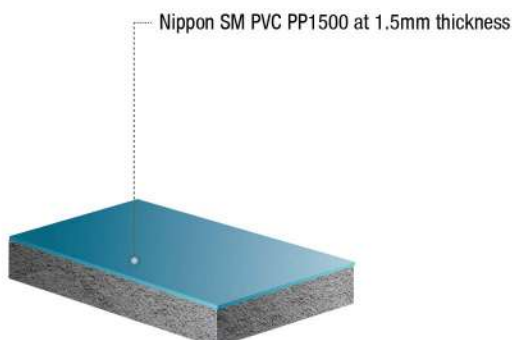
OTHER AREAS

- Metal roofs

ADVANTAGES

- Excellent weather resistance and UV stable, with anti aging
- Excellent flexibility to accommodate movements, with low temperature flexibility and bending
- Excellent mechanical and impact load resistance
- Excellent puncture resistance
- High solar reflectivity
- High workability and weldability
- Comply with Green Label SGLS Category 032
- Approved in JKR Green Directory

SYSTEM BUILD UP Standard



CONCEAL ROOF

Small to medium roof and terraces



KEY USAGES

- Small to medium RC conceal and inverted roof
- Damp proof membrane for sandwich construction
- Planter box

NIPPON LM PUBIT WB (FLEX 100)

Liquid Membrane System

Single component, water based polyurethane modified bitumen waterproofing

Nippon LM PUBIT WB (also known as Nippon FLEX 100) is a single component, high build, thixotropic, water based liquid applied emulsified bitumen modified with copolymer of polyurethane MMA and Neoprene. It exhibits better curing elongation and cold flexibility with high recovery property. It has to be protected from UV with protective screed after installation.

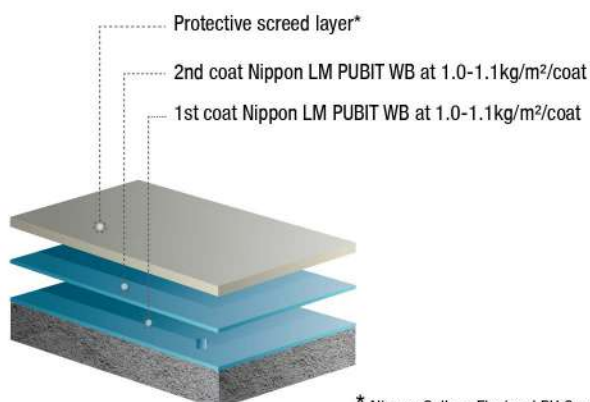
OTHER AREAS

- Foundation slabs
- Tie beams, footings, copings
- Ramps
- Lift pit
- Structural walls
- Retaining walls

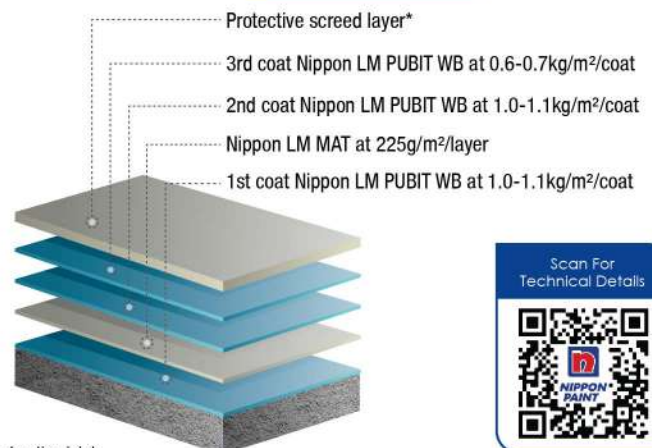
ADVANTAGES

- Highly elastomeric with excellent recovery and crack bridging
- High build and thixotropic (prevent sagging on vertical wall)
- Excellent adheslon to green and damp concrete
- Seamless and anti-water migration, easy for localize repair
- Easy application by brush, roller, trowel and airless spray
- Excellent resistant to chlorides, sulphates, mild acids, alkalis, oil, salts, bacteria and soil chemicals
- Comply with Green Label SGLS Category 032
- Approved in JKR Green Directory

SYSTEM BUILD UP Standard



SYSTEM BUILD UP Reinforcement



* Nippon Selleys Flexiseal PU Sealant at contraction joint



CONCEAL ROOF

Medium to large roof and terraces



KEY USAGES

- Medium to large RC conceal and inverted roof

NIPPON SM BITUMEN S3000

Sheet Membrane System

Atactic polypropylene (APP) modified bituminous, torch-on waterproofing sheet membrane, with sand finishing

Nippon SM BITUMEN S3000 is a APP modified bitumen waterproofing membrane, reinforced with non-woven polyester felt, surfaced with fine sand finish. It exhibits excellent mechanical strength, elasticity and durability. It is designed to place on top of concrete slab and providing an economical efficient waterproofing solution to basement and concealed roof. It has to be protected from UV with protective screed after installation.

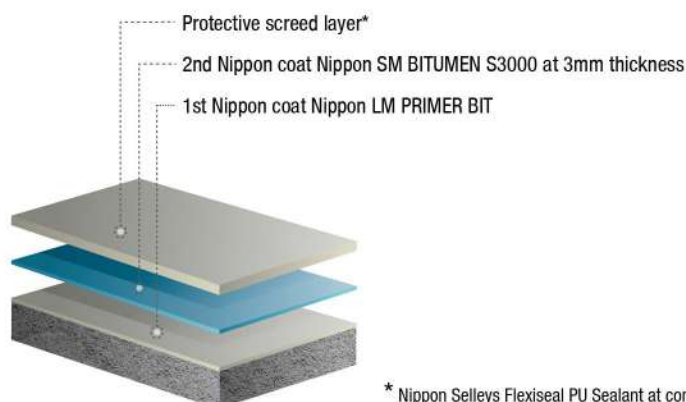
OTHER AREAS

- Basement raft slabs
- Tunnels

ADVANTAGES

- Good flexibility to accommodate movements
- Excellent dimensional stability under tension
- Good puncture resistance
- Good heat resistance
- High resistance to positive water and vapor pressure
- Resists water based chemicals

SYSTEM BUILD UP **Standard**



* Nippon Selleys Flexiseal PU Sealant at contraction joint

Scan For
Technical Details



GREEN ROOF



KEY USAGES

- Green roofs
- Roof gardens
- Landscape
- Podium deck

NIPPON LM POLYUREA SA-7102

Liquid Applied System

Rapid cure, SPAN certified, spray applied pure polyurea waterproofing

Nippon LM Polyurea SA-7102 is a rapid cure, 100% solids, elastomeric, environmentally friendly spray applied pure polyurea system, designed as a seamless, highly mechanical and durable waterproofing and protective coating. Nippon LM Polyurea SA-7102 is designed to spray with plural spray machine and thus to prevent human apply mistakes.

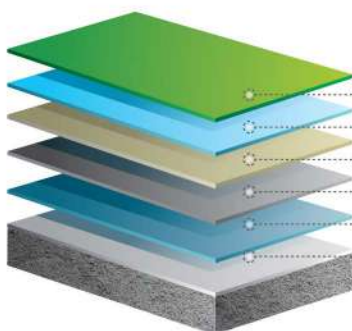
OTHER AREAS

- Secondary containment for chemical storage tank
- Railways and viaducts
- Water containment
- Tunnels
- Bridge deck

ADVANTAGES

- Low VOC
- Elastomeric and tough
- Excellent crack bridging to static and dynamic cracks
- Excellent chemical resistance (water, oils, alkali, acids) and good corrosion resistance (also suitable for metal roof)
- Excellent abrasion and impact resistance
- Fast thickness build up and rapid cure in seconds (more than 1000m²/day), allows fast return to foot traffic in 30 minutes
- Good sound absorption and noise reduction
- SPAN MS1583-1 certified for portable water
- Anti root

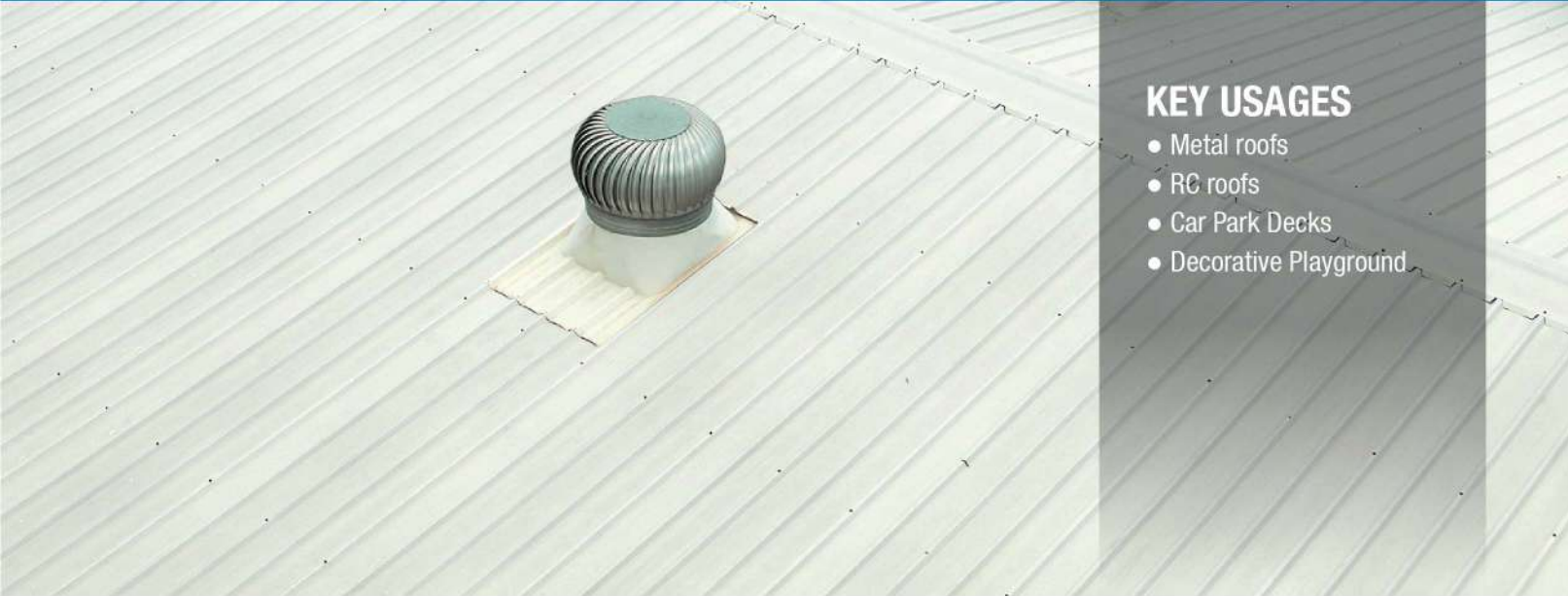
SYSTEM BUILD UP Green Roof



- Growing Medium and Vegetation
- Nippon Geotextile GL150
- Nippon Drainage DB800 (Drainage Board)
- Nippon XPS 500 (Insulation)
- 2nd coat Nippon LM POLYUREA SA-7102 at 2.0kg/m² (2mm)
- 1st coat Nippon Primer 7303



METAL ROOF



KEY USAGES

- Metal roofs
- RC roofs
- Car Park Decks
- Decorative Playground

NIPPON LM POLYASPARTIC HA-7205

Liquid Applied System

Two component, SPAN certified, UV resistant, liquid applied pure polyaspartic waterproofing

Nippon LM Polyaspartic HA-7205 is a two component, user friendly, weather and UV resistant, liquid applied pure polyaspartic seamless waterproofing membrane. This seamless waterproofing membrane provides an elastic and tough surface for applications subject to stress of wear and tear, impact and chemical exposure. Nippon LM Polyaspartic HA-7205 white is used as cool roof.

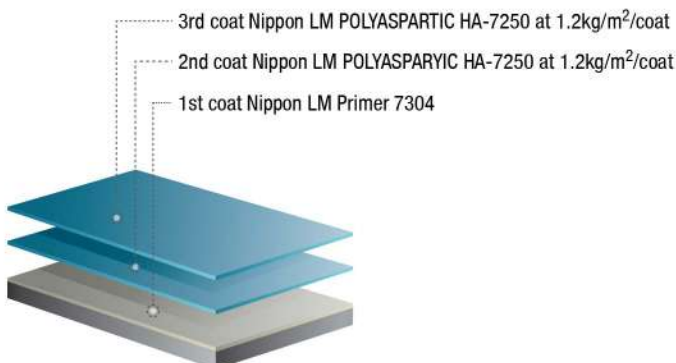
OTHER AREAS

- Power station
- Theme Park

ADVANTAGES

- Low VOC
- Excellent weather resistance and UV stable
- Elastomeric and tough
- Excellent crack bridging to static cracks
- Excellent chemical resistance (water, oils, alkali, acids) and good corrosion resistance
- Excellent abrasion and impact resistance
- High solar reflectivity
- Good sound absorption and noise reduction
- Comply with Green Labels, SGLS Category 032
- Approved in JKR Green Directory
- SPAN MS1583-1 Certified for portable water

SYSTEM BUILD UP Metal Roof





4 WET AREAS

Waterproofing is essentially important as it is inevitable that every building will surely come into contact with water, especially at wet areas. Unlike water resistant materials that control and limit the moisture, waterproof materials are those that do not allow any water or moisture to seep through at all.

Inapt waterproofing can cause growth of mold, which can be harmful to people with respiratory problems such as asthma, "concrete cancer", where the steel reinforcing the concrete starts to rust, causing it to displace and will ultimately weaken the building's foundations.

Waterproofing at wet areas primarily to ensure that no water or moisture can leak out of the wet areas and into the other parts of the building, where in the context of this brochure, the wet areas are categorized as interior wetroom, exterior and water retaining in general.

WET AREAS

CEMENTITIOUS WATERPROOFING CHART

INTERIOR, EXTERIOR, WATER RETAINING

CM SERIES (Cementitious)

SYSTEM	INTERIOR	EXTERIOR & WATER RETAINING
Product	Nippon CM Standard	Nippon CM Flexible
Technology	Two-component acrylic polymer modified cementitious slurry	Two-component acrylic polymer modified flexible cementitious waterproofing coatings
Application	Soft bristled brush / Roller / Trowel	Soft bristled brush / Roller / Trowel
CHARACTERISTICS		
Flexibility	● Fair	● Good
Crack bridging	● Not applicable	● Up to 1mm
Resistance to positive and negative water pressure	● Good	● Excellent
Adhesion to concrete	● Good	● Good
Chemical resistance	● Excellent	● Excellent
Breathability	● Breathable	● Breathable
Standards	<ul style="list-style-type: none"> ● MS 1583-1 ● SPAN certified, portable water compliance ● Green Label SGLS Category 032 ● JKR Green Directory 	<ul style="list-style-type: none"> ● MS 1583-1 ● SPAN certified, portable water compliance ● Green Label SGLS Category 032 ● JKR Green Directory
Tensile strength	> 1.0 N/mm ²	> 1.0 N/mm ²
Elongation at break	Not applicable	> 150%, Flexible
Packaging	Part (A) : 5kg / pail Part (B) : 20kg / bag	Part (A) : 10kg / pail Part (B) : 25kg / bag

WET AREAS

INTERIOR WETROOM

BATHROOM & TOILET, KITCHEN & YARD



KEY USAGES

- Bathrooms and toilets
- Kitchen and yards
- Sauna and changing room
- Ablution and surau
- Pump room, refuse chambers, AHU room

NIPPON CM STANDARD

Cementitious System

Two component, SPAN certified, acrylic polymer modified cementitious waterproofing

Nippon CM STANDARD is two component, green label and SPAN certified acrylic polymer modified cementitious waterproof slurry. It seals static cracks, pores and voids of all masonry and concrete to prevent water ingress.

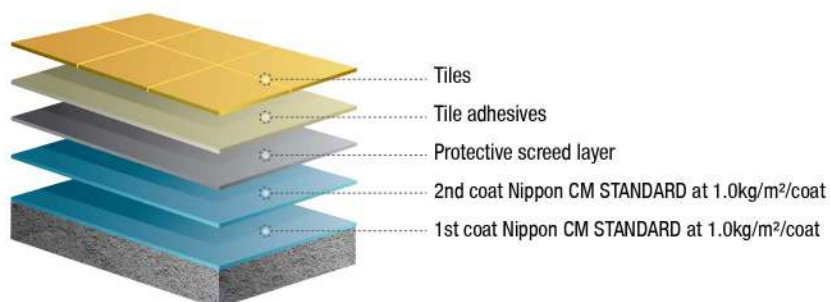
OTHER AREAS

- Water retaining
- Lift pits, scupper drains, sump pits
- Basement walls
- Pile head and foundations

ADVANTAGES

- Good resistance to positive and negative water pressure
- Breathable and good abrasion
- Excellent for damp proofing basement and below grade surface
- Good adhesion to wet surface and green concrete
- Excellent resistance to soil chemicals, chlorides, sulphates, acids, alkalis
- Anti-carbonation and anti-chloride ion diffusion
- Comply with Green Labels, SGLS Category 032
- Approved in JKR Green Directory
- SPAN MS 1583-1 certified for potable water

SYSTEM BUILD UP **Standard**



Bathroom & Toilet



Kitchen & Yard



EXTERIOR BALCONY



NIPPON CM FLEXIBLE

Cementitious System

Two component, SPAN certified, flexible, acrylic polymer modified cementitious waterproofing

Nippon CM FLEXIBLE is two component, flexible, green label and SPAN certified, acrylic polymer modified cementitious waterproofing coatings. It also acts as anti-carbonation and anti-chloride ion diffusion protection coatings to structure.

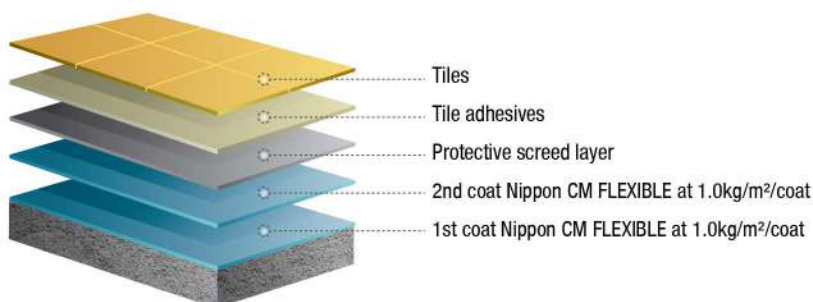
OTHER AREAS

- Interior wetroom
- Water retaining
- Lift pits, scupper drains, sump pits
- Basement walls
- Pile head and foundations

ADVANTAGES

- Excellent resistance to positive and negative water pressure
- Excellent flexibility for crack bridging up to 1mm in width
- Breathable and good abrasion
- Good adhesion to wet surface and green concrete
- Excellent resistance to soil chemicals, chlorides, sulphates, dilute acids and alkalis
- Anti-carbonation and anti-chloride ion diffusion
- Comply with Green Labels, SGLS Category 032
- Approved in JKR Green Directory
- SPAN MS 1583-1 certified for portable water

SYSTEM BUILD UP **Standard**



WATER RETAINING

SWIMMING POOL



KEY USAGES

- Swimming pools
- Infinity pools and overflow channels
- Pond and fountains

NIPPON CM FLEXIBLE

Cementitious System

Two component, SPAN certified, flexible, acrylic polymer modified cementitious waterproofing

Nippon CM FLEXIBLE is two component, flexible, green label and SPAN certified, acrylic polymer modified cementitious waterproofing coatings. It also acts as anti-carbonation and anti-chloride ion diffusion protection coatings to structure.

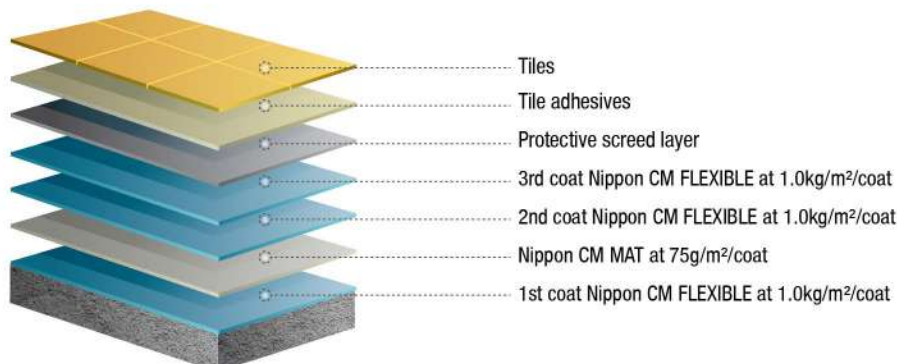
OTHER AREAS

- Lift pits, scupper drains, sump pits
- Basement walls
- Pile head and foundations

ADVANTAGES

- Excellent resistance to positive and negative water pressure
- Excellent flexibility for crack bridging up to 1mm in width
- Breathable and good abrasion
- Good adhesion to wet surface and green concrete
- Excellent resistance to soil chemicals, chlorides, sulphates, dilute acids and alkalis
- Anti-carbonation and anti-chloride ion diffusion
- Comply with Green Labels, SGLS Category 032
- Approved in JKR Green Directory
- SPAN MS 1583-1 certified for potable water

SYSTEM BUILD UP Reinforcement



WATER RETAINING

WATER TANK



KEY USAGES

- Portable water tank
- Water reservoirs

NIPPON CM FLEXIBLE

Cementitious System

Two component, SPAN certified, flexible, acrylic polymer modified cementitious waterproofing

Nippon CM FLEXIBLE is two component, flexible, green label and SPAN certified, acrylic polymer modified cementitious waterproofing coatings. It also acts as anti-carbonation and anti-chloride ion diffusion protection coatings to structure.

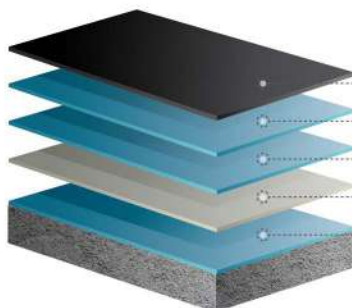
OTHER AREAS

- Lift pits, scupper drains, sump pits
- Basement walls
- Pile head and foundations

ADVANTAGES

- Excellent resistance to positive and negative water pressure
- Excellent flexibility for crack bridging up to 1mm in width
- Breathable and good abrasion
- Good adhesion to wet surface and green concrete
- Excellent resistance to soil chemicals, chlorides, sulphates, dilute acids and alkalis
- Anti-carbonation and anti-chloride ion diffusion
- Comply with Green Labels, SGLS Category 032
- Approved in JKR Green Directory
- SPAN MS 1583-1 certified for portable water

SYSTEM BUILD UP Reinforcement



- Lining with Nippon SM HDPE HP2000
- 3rd coat Nippon CM FLEXIBLE at 1.0kg/m²/coat
- 2nd coat Nippon CM FLEXIBLE at 1.0kg/m²/coat
- Nippon CM MAT at 75g/m²/coat
- 1st coat Nippon CM FLEXIBLE at 1.0kg/m²/coat





5 WALLS

Considering that all interior and exterior surfaces will eventually deteriorate, keeping the building appearance in pristine condition year after year can be challenging.

As the leading Total Coating Solutions provider, and trusted brand for more than 50 years in Malaysia, Nippon Paint pride to have the widest range of innovative waterproofing product solutions for surfaces not only from basement to roof, but also to the building walls.

Our total coating solutions aim to better protect the building from effects of harsh environment, for better building structure integrity and longer lasting building exterior performance.

EXTERIOR WALL & PARAPET WALL



NIPPON LM ACR

Liquid Membrane System

Single component, UV resistant, breathable elastomeric acrylic waterproofing

ADVANTAGES

- Highly flexible and elastomeric
- Excellent resistance to hairline cracks
- Reduce efflorescence risk
- Extended performance of exterior paint and building envelope
- Highly recommended for buildings near to seashore

Scan For
Technical Details



PERIMETER WALL



NIPPON LM PUSIL

Liquid Membrane System

Single component, UV resistant, moisture cure modified polyurethane waterproofing

ADVANTAGES

- Excellent resistance to positive and negative water pressure
- Extended performance of exterior paint and building envelope
- Effective solution to prevent rising damp

Scan For
Technical Details



WATERPROOFING SOLUTIONS FROM BASEMENT TO ROOF

R.C. FLAT ROOF

Nippon LM Polyaspartic HA
Nippon LM PUSIL/LM ACR/LM PUBIT WB
Nippon SM Bitumen
Nippon SM PVC/SM TPO

METAL ROOFING

Nippon LM Polyaspartic HA
Nippon LM Polyurea SA
Nippon LM PUSIL
Nippon SM PVC / SM TPO

PODIUM/TERRACE

Nippon LM Polyurea HA
Nippon LM PUSIL/LM PUBIT WB
Nippon CM Flexible

KITCHEN & TOILET

Nippon CM Standard
Nippon CM Flexible

SWIMMING POOL

Nippon LM Polyaspartic HA
Nippon CM Flexible
Nippon CM ECO

CRACK TREATMENT

TIPS

Nippon Crackjet PU
Nippon Crackjet Epoxy

JOINT TREATMENT

TIPS

Nippon Swellable Waterstop
Nippon Sealant
Nippon PVC Waterstop

BASEMENT MEMBRANE

Nippon LM Polyurea SA
Nippon SM Bitumen
Nippon LM PUBIT WB

WATER TANK

Nippon PVC Waterstop
Nippon CM Flexible/SM HDPE
Nippon LM Polyurea SA

ROOF GARDEN

Nippon LM Polyurea SA
Nippon SM TPO
Nippon SM Bitumen
Nippon SM PVC

BALCONY

Nippon LM PUSIL
Nippon CM Flexible
Nippon CM ECO
Nippon LM Polyaspartic HA

DRIVEWAY

Nippon LM Polyurea SA
Nippon SM Bitumen
Nippon LM MMA

RETAINING WALL

Nippon SM Self Adhesive
Nippon BT Intermediate

WATERPROOFING CONCRETE

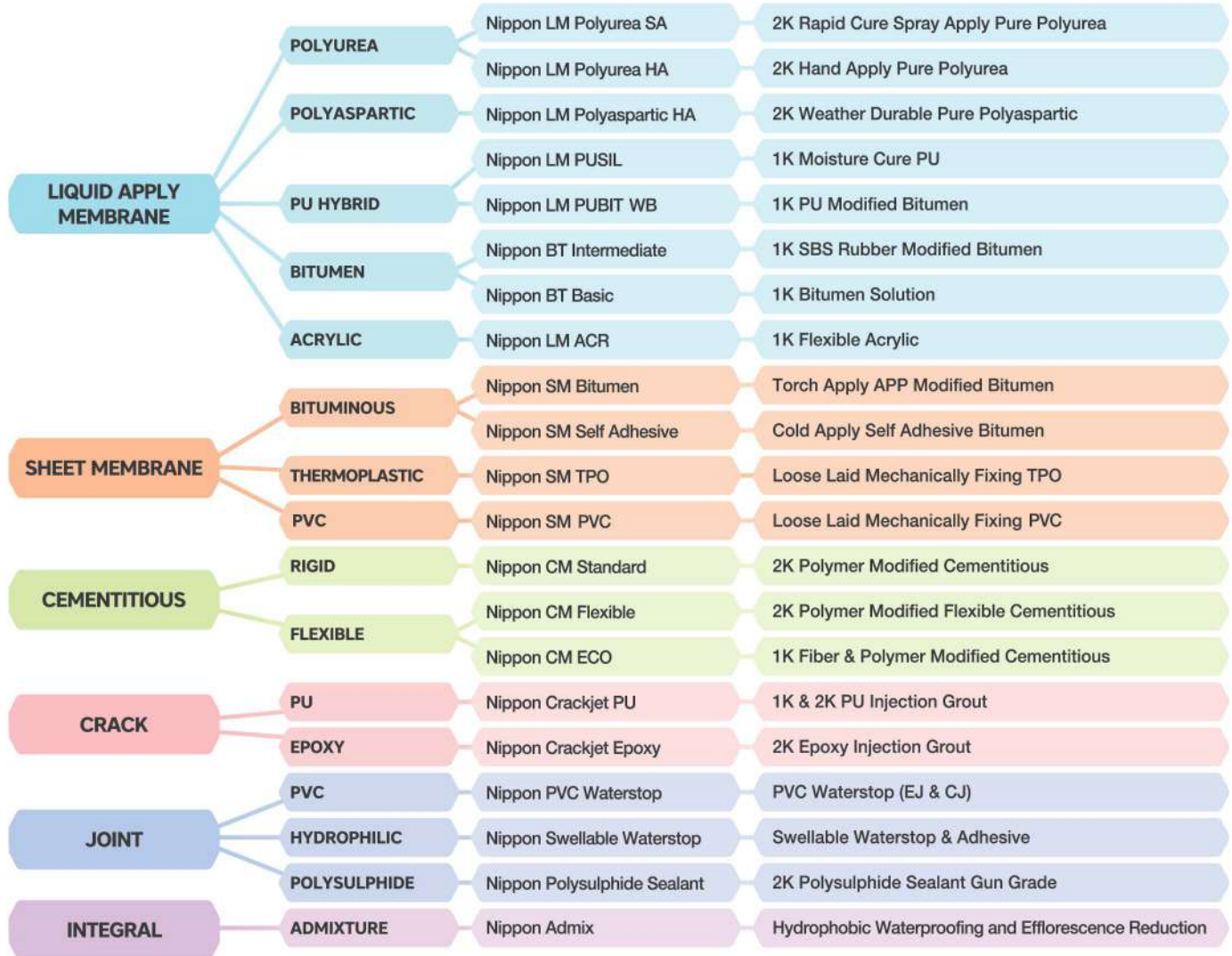
Nippon Admix

LIFT PIT

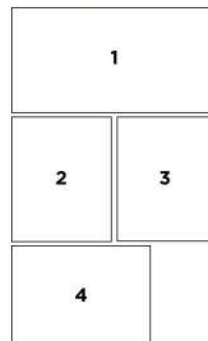
Nippon BT Intermediate
Nippon CM Flexible
Nippon LM PUSIL



WATERPROOFING PRODUCT RANGE



PROJECT REFERENCE



1. Amber Court, Pahang
2. Gleneagles Hospital, Penang
3. Menara 1MK, Kuala Lumpur
4. Institut Latihan DBKL, Kuala Lumpur

FOR MORE TOTAL COATING SOLUTIONS BY NIPPON PAINT, VISIT
PROFESSIONAL.NIPPONPAINT.COM.MY



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