MATACRYL CARPARK SYSTEM

Liquid applied heavy duty waterproofing membrane

July 2026

PURPOSE AND AREAS OF USE:
The Matacryl Carpark System is a liquid applied elastomeric waterproofing membrane designed to waterproof and protect concrete carpark decks. The system is designed for easy application and easy maintenance with an integrated non-skid surface profile for traffic, the Matacryl Carpark System also cures very quickly meaning minimal disruption and downtime for the building owner.

PRODUCT:
The system encompasses the products below. Refer to details below and standard Equus specification for full specification information.

Matacryl 108 H Primer	Matacryl 107 CM Primer	Matacryl Manual
Matacryl STC	Matacryl Manual LM	Matacryl Thix
Matacryl 215 WL	SNL Powder	Matacryl Catalyst
Sand for broadcasting		

COLOUR:
Matacryl Carpark is supplied in a standard colour of RAL 7001 but other colours are available on request.

SCOPE OF USE:
The Matacryl Carpark System is a multi-layer application, suitable for use over new or existing concrete. Matacryl membrane is commonly used for carparking applications, both interior and exterior, but can be used in a wide range of areas. Other applications can include as a bridge deck waterproofing, sub-grade waterproof detailing including below-grade slabs, pedestrian and vehicular trafficable areas, tunnels, channels and dam structures.

The cured system is a very flexible crack-bridging membrane that retains its flexibility and crack-bridging performance in service even in low temperatures.

BUILDING CODE COMPLIANCE:
B2 Durability - B2.3.1 (a), B2.3.1 (b), B2.3.2 In-service history shows Matacryl Waterproofing has a durability of at least 50 years when installed with the correct specification, installation and maintenance. See Tekton Consulting NZBC Compliance Report.

D1 Access routes - D1.3.3(d) Matacryl Waterproofing complies with D1/AS1 on level surfaces, and on sloping surfaces and stairs. See Tekton Consulting NZBC Compliance Report.

E2 External moisture - E2.3.1, E2.3.2, E2.3.7 Test data, together with in-service history in New Zealand and internationally, of the correctly installed Matacryl Waterproofing membrane over correctly designed and constructed substrates, show that the membrane successfully resists the ingress of moisture. See Tekton Consulting NZBC Compliance Report.

F2 Hazardous building materials - F2.3.1 Well known experience with the type of materials used together with in-service history, show that Matacryl Waterproofing complies with this performance requirement. Refer to SDS at www.equus.nz. See Tekton Consulting NZBC Compliance Report.

Fire Resistance - Matacryl Waterproofing has been tested as per ISO 9239-1:2002 Reaction to fire tests for floorings. Radiant Flux = 6.6kW/m2

SUPPORTING DOCUMENTATION:
Can be found at: www.equus.nz

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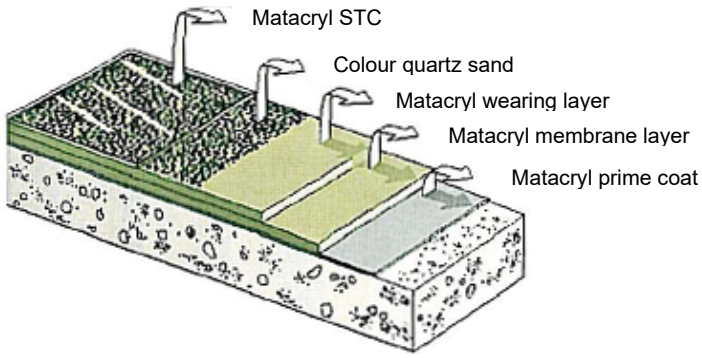
STRUCTURAL SCHEME:



PRIMER:

For cementitious substrates	Matacryl 108 H Primer	0.3-0.5 kg/m²
For ceramic/metal substrates	Matacryl 107 CM Primer	approx. 0.2 kg/m²

OUTDOOR AND INDOOR PARKING AND DRIVE AREAS:

Membrane layer	Matacryl Manual	2.0 kg/m²
Wearing layer Filler Broadcast	Matacryl 215 WL SNL powder Natural sand (0.7-1.2 mm)	2.5 kg/m² - approx. 4.0 kg/m²
Sealcoat	Matacryl STC Clear/Pigmented	0.5 kg/m²
Second sealcoat	Matacryl STC Clear/Pigmented	0.3 kg/m²

OUTDOOR AND INDOOR RAMPS AND TURNING CIRCLES:

Membrane layer	Matacryl Manual	2.0 kg/m²
Bonding layer	Matacryl STC	0.2 kg/m²
Wearing layer Filler Broadcast	Matacryl 215 WL SNL powder Natural sand (0.7-1.2 mm)	2.5 kg/m² - approx. 4.0 kg/m²
Sealcoat	Matacryl STC Clear/Pigmented	0.5 kg/m²
Second sealcoat	Matacryl STC Clear/Pigmented	0.3 kg/m²

The exact consumption depends on porosity and flatness of the substrate. The consumptions are valid for an application at +20°C. For full details please refer to the relevant Technical Data Sheet.

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WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No

MANUFACTURERS CONTACT DETAILS:

Manufacture location	New Zealand
Legal and trading name of manufacturer	Equus Industries Ltd.
Manufacturer address for service	4 Sheffield Street, Blenheim 7274
Manufacturer website	www.equus.nz
Manufacturer email	info@equus.nz
Manufacturer phone number	03 578 0214
Manufacturer NZBN	9429032000306

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