

MATACRYL PEDESTRIAN SYSTEM

Liquid applied heavy duty waterproofing membrane

March 2024

PURPOSE AND AREAS OF USE:

The Maticryl Pedestrian System is a liquid applied elastomeric waterproofing membrane designed to waterproof and protect concrete surfaces such as balconies, decks, ramps and walkways. The system is designed for easy application and easy maintenance with an integrated non-skid surface profile for traffic, the Maticryl Pedestrian 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 specifications for full specification information

Maticryl 108 H Primer	Maticryl 107 CM Primer	Maticryl Manual
Maticryl STC	Maticryl Manual LM	Maticryl Thix
Maticryl 215 WL	Maticryl 319	Maticryl 2K FG
SNL Powder	Maticryl Catalyst	Sand for broadcasting

COLOUR:

Maticryl Pedestrian is available in a painted finish, supplied in a standard colour of RAL 7001 but other colours are available on request. Maticryl pedestrian is also available in a range of decorative coloured quartz aggregates to give an attractive aesthetically pleasing finish.

SCOPE OF USE:

The Maticryl Pedestrian System is a multi-layer application, and suitable for use over new or existing concrete. Maticryl membrane is commonly used for pedestrian and carparking applications, both interior and exterior, but can be used in a wide range of areas. Other applications can include as a carpark waterproofing, 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.

CONDITIONS OF USE:

Maticryl Waterproofing can be applied in temperature conditions between -10°C to +35°C.

Maticryl Waterproofing must be installed by a Certified Equus Applicator, must be installed in accordance with the correct specifications and substrates mentioned in this TDS, or in other Equus approved technical documentation.

BUILDING CODE COMPLIANCE:

B2 Durability - B2.3.1(c) In-service history shows Maticryl Waterproofing has a durability of at least 5 years when installed with the correct specification, installation and maintenance. See Tekton Consulting NZBC Compliance Report.

D1 Access routes - D1.3.3(d) Maticryl 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 Maticryl Waterproofing membrane over correctly designed and constructed substrates, show that the membrane successfully resists the ingress of moisture. See Tekton Consulting NZBC Compliance Report.

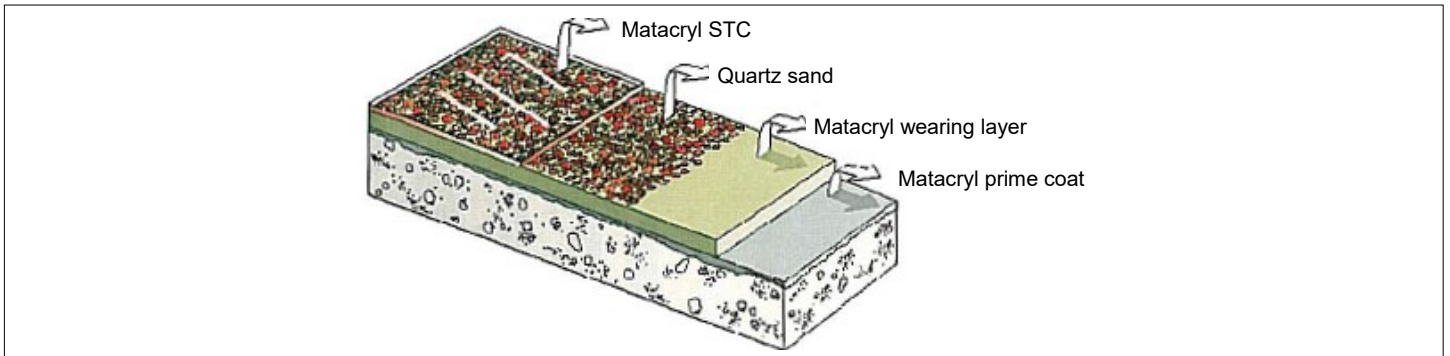
F2 Hazardous building materials - F2.3.1 Well known experience with the type of materials used together with in-service history, show that Maticryl Waterproofing complies with this performance requirement. Refer to SDS at www.equus.nz. See Tekton Consulting NZBC Compliance Report.

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STRUCTURAL SCHEME:



PRIMER:

For cementitious substrates	Matacryl 108 H Primer	approx. 0.3-0.5 kg/m ²
For ceramic/metal substrates	Matacryl 107 CM Primer	approx. 0.2 kg/m ²

WALKING AREAS*:

Membrane layer (Optional for cementitious substrates)	Matacryl Manual	1.5-2.0 kg/m ²
Wearing layer - colour quartz, slip resistant Filler Broadcast Sealcoat	Matacryl Manual SNL Powder Colour quartz (0.7-1.2 mm) Matacryl STC Clear	1.5 kg/m ² 1.5 kg/m ² approx. 3.0-4.0 kg/m ² 0.5-0.6 kg/m ²
Wearing layer - uni colour, slip resistant Filler Broadcast Sealcoat	Matacryl Manual SNL Powder Natural sand (0.3-0.7 mm) Matacryl STC Pigmented	1.5-2.0 kg/m ² 1.5-2.0 kg/m ² 1.5 kg/m ² 0.5-0.6 kg/m ²

* A higher resistance to cigarette burn can be achieved by applying an optional PU sealcoat.

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.

SUPPORTING DOCUMENTATION:

Tekton Consulting NZBC Compliance Report	6 October 2020	https://www.equus.nz/content/reports/nzbc-compliance-matacryn.pdf
Other technical reports can be provided on request.		

WARNINGS AND BANS:

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