

CHEVALINE DEXX CARPARK SYSTEM

Waterproofing membrane for exterior carparking decks

August 2023

PURPOSE AND AREAS OF USE:

The Chevaline Dextr Carpark Membrane is a flexible, liquid-applied waterproof membrane reinforced with two layers of glass-fibre mat to provide a durable waterproofing solution concrete and plywood carparking decks where it is essential to prevent water penetration into the structure. The dual reinforcement accommodates for more stresses in all directions and topcoats are available for to protect the system against oil, petrol, and grease contamination.

Chevaline Dextr Carpark Membrane is an easy to apply and maintain, economical waterproofing system with proven durability and UV resistance. The material is a heavy-bodied waterborne acrylic paste ready to use from the container. It is formulated for high adhesion and water resistance, with toughness combined with flexibility in the cured film.

PRODUCT:

The system encompasses the products below. Refer to standard specifications P3013 & P3017 for full specification details.

Chevaline Epistixx
Chevaline Dextr
Fibreglass Mat
Chevaline Dextr Wearcoat
Traxx 2000 HS Wearcoat
Traxx 2000 Wearcoat NS
Traxx NS
Traxx Wearcoat

COLOUR:

Chevaline Dextr is supplied as Standard Grey (00-A-05) and White. Custom colours are available to match any colour chart.

SCOPE OF USE:

Chevaline Dextr Carpark Membrane can be used on new and existing concrete or plywood carparking decks. With the inclusion of aggregate in the body coat to form Chevaline Dextr Wearcoat, the membrane is also applicable where non-slip finishes are required. The Traxx range of topcoats also allow the membrane to be used in areas where a heavier duty or chemical resistant finish is required to protect the system against oil, petrol, and grease contamination.

Chevaline Dextr Membrane can be applied in a vast range of waterproofing applications where approved by Equus Industries Ltd. Including roof and deck waterproofing (See **Chevaline Dextr Roof & Deck Membrane**) and internal wet areas (See **Chevaline Dextr Wet Area Membrane**).

CONDITIONS OF USE:

Chevaline Dextr can be used with substrates meeting the requirements laid out in the TDSs at www.equus.nz. The installation must be done by a Certified Equus Applicator. Verification of their status can be confirmed by a current applicator certificate or by contacting Equus Industries Ltd. Any installation must be done in accordance with the latest specifications and technical documentation, or with written approval by Equus Industries Ltd.

When intended to be used in higher traffic areas or covered by pedestals or pavers, the membrane is to be installed in accordance with written statement by Equus Industries Ltd.

BUILDING CODE COMPLIANCE:

B2 Durability - B2.3.1 (a), B2.3.2 (a,b) Chevaline Dextr has a durability of at least 15 years when installed with the correct specification, installation and maintenance. Re-coating specifications are available to extend the life of the membrane.

C3 Fire affecting areas beyond the fire source - C3.4 (b) Chevaline Dextr test data together with in-service history of the correctly installed system show that the product limits the probability of fire spreading throughout the building. See AWTA Test Report 18-005761.

D1 Access routes - D1.3.3(d) Chevaline Dextr complies with D1/AS1 on level surfaces, and on level surfaces, and on sloping surfaces and stairs with the addition of aggregate to create Chevaline Dextr Wearcoat. See Opus Slip Resistance Report.

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BUILDING CODE COMPLIANCE (continued):

E2 External moisture - E2.3.1, E2.3.2, E2.3.7 Chevaline Dexe test data together with in-service history of the correctly installed Chevaline Dexe System over correctly designed and constructed substrates, show that the membrane resists the ingress of moisture.

F2 Hazardous building materials - F2.3.1 Well known experience with the type of materials used together with in-service history, show that Chevaline Dexe complies with this performance requirement. Refer to SDS at www.equus.nz

Refer to Beal PTS and Joyce Group Verification Report at www.equus.nz for further information on building code compliance.

SUPPORTING DOCUMENTATION:

The following additional documentation supports the above statements:

Title (type)	Version	URL
Beal PTS Chevaline Dexe (Design Test results)	31 October 2019	https://www.equus.nz/content/reports/beal-ptsdexe.pdf
AWTA Product Test Chevaline Dexe (Test results)	January 2019	https://www.equus.nz/content/reports/awta-fire-testdexe-18-005761.pdf
Opus Slip Resistance Report Chevaline Dexe Wearcoat (Test results)	June 1999	https://www.equus.nz/content/reports/opus-slipresistance-dexe-D99032.pdf
Joyce Group Verification Report Chevaline Dexe (Test results)	May 2005	https://www.equus.nz/content/reports/joyceverification-dexe-JN6419.pdf

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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MANUFACTURER 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