# CHEVALINE DEXX

## Flexible reinforced roof and deck membrane

**July 2026**

**PURPOSE AND AREAS OF USE:**
A liquid applied, glass fibre mat reinforced membrane for use in sealing old and new flat and near-flat roofs, walk-out decks and patios. Particularly useful where areas are subject to foot traffic and light vehicular traffic. Topcoats are available for various service conditions. Can also be used on specified substrates as a waterproof membrane under tiles, particularly in internal wet area applications. Dexx is always used in conformance with Equus Standard Specifications.

**PRODUCT:**
Chevaline Dexx is a heavy-bodied, water-borne acrylic liquid-applied waterproofing membrane reinforced with fibreglass mat. Intended as a flexible, waterproofing membrane for roofs, decks, patios, internal wet areas and with a variety of other external and internal uses. All Dexx body coats should be roller-applied with a medium/long nap-roller.

Chevaline Dexx is the body coat in the Chevaline Dexx Membrane System and must be used with an approved primer and topcoat, unless otherwise specified by Equus Industries Ltd. Can be installed over concrete, plywood, and other substrates including other membranes approved by Equus Industries Ltd.

**PROCESS COMPATIBILITY:**
Dexx is always used in conjunction with 300 gsm glass fibre E-mat as reinforcement except for parapet detailing where 225 gsm E-mat may be used. Dexx is compatible with the following primers - depending on substrate and environment: Dexx Primer, Chevaprime PBT, Chevaprime-U and Epistixx.

Dexx is compatible with the following topcoats, depending on environment and end-use. Dexx Topcoat, Dexx Wearcoat, Chevaline Colourglaze, Traxx 2000 Wearcoat. Refer to Standard Specifications for guidance on primer and topcoat usage.

**COLOUR:**
Dexx is supplied as standard in 00-A-05 (grey) and white. Custom colours are available to match any colour chart. We do not recommend dark colours on plywood roofs/decks. Seek advice from Equus if in doubt.

**STANDARD PACK:**
5 and 15 litre plastic pail.

**PHYSICAL PROPERTIES:**

| Liquid Material | Dexx Bodycoat |
|---|---|
| Solids (% by volume) | 47% |
| Specific Gravity | 1.30 |
| Flash Point (°C) | None |
| Shelf Life | 3 years in original sealed container, when stored in cool, dry conditions. |

| Applied Film | Standard System |
|---|---|
| Flexibility | Passes 3 mm mandrel. |
| Durability | Excellent long-term service. |
| Chemical Resistance | Very good resistance to all normal environmental pollutants. |
| Fungus Resistance | Chevaline Dexx contains a highly effective anti-fungal preparation |
| Normal Film Thickness | 1.2-1.5 mm depending on number of glass mat layers used. |

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**4432CD Equus Chevaline Dexx Roof & Deck System**



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**SCOPE OF USE:**
Chevaline Dexx can be used on roofs, decks and other specified areas in existing or new residential or commercial buildings with normal foot traffic as described in the standard specification. Specifications are available for heavy and vehicular traffic.

It can be used over concrete and plywood substrates in any wind zone up to Extra High as defined in NZS3604.

**CONDITIONS OF USE:**
Chevaline Dexx can be used with substrates meeting the requirements set out in the specification at www.equus.nz. The installation must be done by a Certified Equus Applicator. Verification of Applicator 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 from Equus Industries Ltd.

**SURFACE PREPARATION:**

| | |
|---|---|
| **Concrete Roofs and Decks:** | Mosskill if necessary, patch all holes and pretreat cracks (but not movement joints), by cleaning out, filling with Thermexx Mortar or Schomburg BIS 0-2 and overlaying with 300 gsm fibreglass E-mat 150 mm strip embedded in Dexx. Ensure surface is well cleaned, and dry before proceeding with application. |
| **Mastic Asphalt:** | Ensure surface is level, and all holes and cracks are filled with a bituminous patch mix or Chevacryl Admix Plaster, particularly those where blisters have been cut out. |
| **Exterior Plywood**: | Ensure sheets are tight-butted, well fastened with stainless steel screws and glued to bearers and adequately supported. If in doubt about adequate below-surface ventilation, include venting either at upstands (with over-flashing) or with built-in vents. Support spacing must comply with NZS3604. |
| **Priming:** | Concrete, Mastic Asphalt, previously coated surfaces: Dexx Primer or Epistixx. |
| **Priming Plywood / Manufactured Timber / CLT:** | Chevaprime PBT, Dexx Primer or Epistixx. Prime sheet backs and edges. |

Spreading rates will generally be dictated by surface profile and porosity, but all Chevaline primers should be applied at between 8-10sqm/litre of mix.

**APPLICATION METHOD:**
All Dexx bodycoats and wearcoats should be roller-applied with a medium/long nap-roller. Final topcoats may be rolled or sprayed, preferably using airless equipment. Application sequence is as follows (on primed surface):

| | |
|---|---|
| **1.** | Bodycoat |
| **2.** | Glass fibre mat (laid into wet bodycoat) |
| **3.** | Bodycoat |
| **4.** | *Bodycoat |
| **5.** | *Glass fibre mat |
| **6.** | *Bodycoat |
| **7.** | Bodycoat |
| **8.** | Wearcoat/Topcoat |

(* optional items depending on service conditions)

Minimum spreading rate for the three-coat bodycoat system is 1.5 litres/sqm. Care must be taken to ensure that the reinforcing mat is well embedded in the wet material and that the bodycoat application to the mat is well worked in to eliminate air-trap.

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### APPLICATION PROPERTIES:

**Spreading rate:**

| | |
|---|---|
| 3 coat system: | 2.0-2.5 sqm/litre/coat (30-37.5 sqm/15 litre pail/coat) |
| 4 and 5 coat system: | 2.25-2.75 sqm/litre/coat (34-36 sqm/15 litre pail/coat) |
| Dexx Wearcoat | 3.0-6.0sqm/litre depending on texture (45-90 sqm/l15 litre pail/coat) |
| Dexx Topcoat/Colourglaze | 10 sqm/litre (150sqm/15 litre pail). Spreading rates indicated must **not** be exceeded if satisfactory performance is to be achieved. |
| Traxx 2000 Wearcoat | 10 sqm/litre |

**Dry time**(18-23°C, 60-70%RH  Cooler and/or more humid conditions may prolong dry times)**:**
Do not apply Dexx in air temperatures less than 8°C or when surface temperature is less than 4°C.  Use Dexx FD in adverse conditions.

| | |
|---|---|
| Touch dry (per coat) | 1-2 hours |
| Through dry (per coat) | 8-16 hours |
| Full hardness (per system) | 7-10 days for full cure. |

### THINNING / CLEANING UP:

Use clean water for both. Clean equipment immediately after use. Fully dried material is difficult to remove.

### MAINTENANCE:

When Dexx is used as an exposed membrane, topcoat renewal will be required at 5-10 yearly intervals, depending on topcoats type and service conditions. Clean by medium pressure water washing, with detergent injection on trafficable areas, and recoat. If mechanical damage to the membrane has occurred, this can be easily repaired prior to re-topcoating.

### BUILDING CODE COMPLIANCE:

**B2 Durability** - B2.3.1 (a), B2.3.2 (a,b) Chevaline Dexx 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 Dexx 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 Dexx 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 Dexx Wearcoat. See Opus Slip Resistance Report.

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

**F2 Hazardous building materials** - F2.3.1  Experience with the composition of materials used together with in-service history, show that Chevaline Dexx complies with this performance requirement. Refer to SDS at www.equus.nz



Equus Industries Ltd. 4 Sheffield St, Blenheim 7274 | Phone: 03 578 0214 | Email: info@equus.nz | Web: www.equus.nz

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

**HEALTH AND SAFETY:**
Chevaline Dexx is a waterborne material and contains no mammalian-toxic substances. It is non flammable and requires no special storage conditions other than protection from frost or prolonged heat. However, we do recommend the use of barrier cream on hands, and safety spectacles when handling/applying this material.

**TRANSPORT AND STORAGE:**
Shipping Restrictions: None.
Store material under cover and out of direct sunlight. Do not subject stored material to frost or ambient temperatures exceeding 40°C.

**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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