



EQUUS SOPREMA DUOTHERM WARM ROOF

Two layer membrane warm roof system applied to concrete surfaces

Specification No: _____

Date Prepared: November 2023

Project & Address:

Certified Applicator:

Building Contractor:

Building Owner/Property Manager:

1. Statement of Intent

- (a) This checklist is to be completed by both the Equus Applicator and the Building Contractor, as a step by step record of compliance with both the Equus Specification provided for the contract, and the requirements of the Manufacturers for Warranty.
- (b) A copy of this checklist must be forwarded to the nearest Regional Office of Equus Industries Ltd. A Warranty will not be issued by Equus Industries Ltd. without a copy of this Checklist being filed.
- (a) A copy of this checklist should form part of the Contract Documentation filed with the Property Manager on job completion.

2. Areas Treated

The areas to which the Warm Roof is applied are detailed below, with reference to plans (where appropriate).

3. Sign Off

We confirm that all applicable processes listed in Section 4 have been correctly completed and that sign-off on each stage has been made by a person with the authority to do so.

For: _____ (Signature)
(Building Contractor)

Date: ____ / ____ / ____ (Name)

For: _____ (Signature)
(Equus Applicator)

Date: ____ / ____ / ____ (Name)



4. Checklist And Method Statement

* Denotes those processes which must be signed off by the Building Contractor as well.

No.	Process	Completed On	Building Contractor	Equus Contractor	Notes
1.*	Concrete correctly formed to falls as per plans and cure at least 28 days prior to membrane application.				
2.*	Concrete to have all ridges and protrusions stoned flush.				
3.*	Shall be finished to NZS3114:1987 U3, with light trowel texture.				
4.*	Depressions flushed with Schomburg ASOCRET BIS 5/40 and allowed to cure 48 hours before overcoating.				
5.*	Ensure outlets are sufficiently sized for anticipated run-off.				
6.*	Falls on concrete roofs to be as per tapered PIR plans or standard minimum falls: <input type="checkbox"/> Gutters 1:100 <input type="checkbox"/> Roof 1:80 <input type="checkbox"/> Deck 1:80				
7.	Concrete surface satisfactory for installation of Duo membrane by Equus Applicator.				
8.	<i>For areas with a fully torched vapour barrier.</i> Apply one full coat of SOPRADERE QUICK primer by brush/roller at spreading rate 5-6 m ² /L. Allow to dry for minimum 1 hour.				
9.	<i>For areas with a self-adhesive membrane.</i> Apply one full coat of EQUUS PEEL AND STICK PRIMER by brush/roller at a spreading rate of 6-8 m ² /L. Allow to dry for minimum 1 hour.				
10.	_____ (Nominate vapour barrier) Install vapour barrier either fully torched, or self-adhered.				
11.	Install PIR insulation board in a brick pattern with: <input type="checkbox"/> Mechanically fasten through the center of each board. <input type="checkbox"/> Mechanically fasten as per the SOPREMA engineered fixing plan <input type="checkbox"/> Adhere using approved PU Foam adhesive.				
12.	Install mineral wool insulation in a brick pattern. Using one fastener per board to tack in place.				
13.	Install roofboard where required, and prime using SOPRADERE QUICK or EQUUS PEEL AND STICK PRIMER depending on nominated base sheet.				



4. Checklist And Method Statement

* Denotes those processes which must be signed off by the Building Contractor as well.

No.	Process	Completed On	Building Contractor	Equus Contractor	Notes
14.	<p>(Nominate base sheet)</p> <p>Unroll base sheet, align and cut to length, discard inner roll packaging,</p> <p><input type="checkbox"/> Mechanically fasten as per SOPREMA engineered fixing plan through base sheet to concrete substrate.</p> <p><input type="checkbox"/> Torch to primed roof board.</p> <p><input type="checkbox"/> Self-adhesive base sheet remove film and press membrane down. Maintain laps minimum 100mm</p>				
15.	<p>(Nominate cap sheet)</p> <p>Unroll DUO cap sheet, discard packaging, align and cut to length, re-roll each end back to centre. Torch evenly and off-set laps to not coincide with base sheet. All joints back sealed separately ensure correctly closed. Maintain a minimum 80mm side and 100mm head lap.</p>				
16.	<p>Detailing shall occur using DUO cap sheet and/ or MATACRYL THIX or EASY FLASHING with DEXX TOPCOAT on all outlets, pipe penetrations, gutter stops ends, parapet upstands, machinery plinths and anything above or below roof surface.</p>				
17.	<p>Membrane terminated with C-PROFILE and ALSAN MASTIC 2200 sealant</p>				
18.	<p>Install FIXPLUS tile supports, or KRAITEC STEP rubber tiles or SOPRASOLAR FIX EVO TILT photovoltaic panel supports where required.</p>				
19.*	<p>System to be inspected on completion.</p>				
20.	<p>Re-inspection of work after 2 – 3 weeks.</p>				