



CELEBRATING
40 YEARS
1982-2022



EQUUS SOPREMA FLAGON TPO-THERM

Single layer waterproofing membrane warm roof system applied to concrete surfaces

Specification No: _____

Date Prepared: December 2022

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 cured 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 or suitably diamond ground. | | | | |
| 4.* | Depressions flushed with Schomburg ASO-CRET BIS 5/40 or and allowed to cure 48 hours before overcoating. | | | | |
| 5.* | Ensure outlets are sufficiently sized for anticipated run-off. | | | | |
| 6.* | Falls to be incorporated as per plans: <input type="checkbox"/> Specified falls: or standard minimum falls: <input type="checkbox"/> Gutters 1:100 <input type="checkbox"/> Roof 1:40 <input type="checkbox"/> Deck 1:60 | | | | |
| 7. | Concrete surface satisfactory for installation of membrane by Equus Certified Applicator. | | | | |
| 8. | 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. | | | | |
| 9. | _____ (Nominate vapour barrier) Install self-adhered vapour barrier. | | | | |
| 10. | 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. Apply silver tape to sheet joints and over top of fixings. <input type="checkbox"/> Adhere using EASY FOAM adhesive. Apply silver tape to sheet joints. | | | | |
| 11. | Install mineral wool insulation in a brick pattern. Using one fastener per board to tack in place. | | | | |
| 12. | Install roofboard where required. Apply silver tape over top of fixings. | | | | |
| 13. | _____ (Nominate FLAGON TPO membrane) Decide most suitable direction for FLAGON TPO MEMBRANE , align and unroll. Fold back required length of TPO exposing substrate and back of membrane. | | | | |



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. | Apply one (1) coat of EQUUS TPO ADHESIVE by means of spraying. Apply adhesive to both substrate and underside of membrane. | | | | |
| 15. | Once the adhesive has tacked off, carefully unfold FLAGON TPO MEMBRANE into place. Using a heavy weight roller 20kg+, evenly roll membrane to ensure full contact adhesion between the membrane and substrate. Repeat in sequence with all rolls maintaining laps of minimum 50mm. Offset end laps in adjacent runs if possible. Edge laps are welded closed using a suitable hot air welding machine. | | | | |
| 16. | Detailing shall occur using FLAGON EP/S welded to all outlets, pipe penetrations, gutter stops ends, parapet upstands, machinery plinths and anything above or below roof surface. | | | | |
| 17. | Membrane terminated with FLAGON TPO TERMINATION BAR and TREMFLEX 834 | | | | |
| 18.* | System to be inspected on completion. | | | | |
| 19. | Re-inspection of work after 2– 3 weeks. | | | | |