



CELEBRATING  
**40** YEARS  
1982-2022



# EQUUS SOPREMA COLPHENE BSW

Below-ground single layer waterproofing

Specification No: P5100

Date Prepared: July 2023

Project & Address:

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Certified Applicator:

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Building Contractor:

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Building Owner/Property Manager:

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## 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 Manufacturer 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 Membrane is applied are detailed below, with reference to plans (where appropriate).

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## 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 and other surfaces satisfactory for installation of <b>COLPHENE BSW</b> by Equus Certified Applicator.				
2.	Loose-lay <b>COLPHENE BSW H</b> to lift pits Ensure sheet joints are closed using DUO SELVEDGE lap technology (over thermal insulation where required).				
3.	Ensure all pile caps, beams, piles, and pillar caps are reinforced with a strip of <b>COLPHENE BSW H</b> over <b>SOPRADERE QUICK</b> Primer.				
4.	Install thermal insulation where required in a brick bond pattern.				
5.	<b>HORIZONTAL:</b> Loose lay <b>COLPHENE BSW H</b> to fit inside the formwork, compacted hardfill covered with sand or site concrete with sanded surface facing upwards.				
6.	<b>HORIZONTAL:</b> Sheet joints are closed using DUO SELVEDGE lap with a minimum 100mm ensure all are well sealed. Minimum end laps shall be 150mm				
7.	Any details shall be carried out using <b>ALSAN FLASHING, ALSAN FLASHING QUADRO</b> or <b>Matacryn Thix.</b>				
8.	<b>VERTICAL PRE-APPLIED against lost formwork:</b> Install drainage layer within mechanical fixings and apply <b>COLPHENE BSW V</b> to the drainage layer. (Where thermal-insulation is required, install against lost formwork before drainage layer. Held in place with <b>DOUBLE-STICK</b> tape or <b>EQUUS SOPREMA Fixings.</b> )				
9.	<b>VERTICAL PRE-APPLIED against lost formwork:</b> Sheet joints are closed using DUO SELVEDGE lap with a minimum 100mm ensure all are well sealed by torch or hot air.				
10.	<b>VERTICAL POST-APPLIED:</b> Install <b>COLPHENE BSW H</b> (for torched on applications) or <b>COLPHENE BSW V</b> (for self-adhered applications) reinforcement strip in all internal and external corners, connections between the floor and wall and all cold joints.				
11.	<b>VERTICAL POST-APPLIED:</b> Install the <b>COLPHENE BSW H</b> (for torched on applications) or <b>COLPHENE BSW V</b> (for self-adhered applications) membrane against the wall.				
12.	<b>VERTICAL POST-APPLIED:</b> Sheet joints are closed using DUO SELVEDGE lap with a minimum 100mm ensure all are well sealed with torch or ( <i>BSW V only</i> ) hot air.				



#### 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
13.	Any details shall be carried out using <b>ALSAN FLASHING, ALSAN FLASHING QUADRO</b> or <b>Matacryn Thix</b> .				
14.	Install vertical Equus Thermal Insulation against <b>COLPHENE</b> membrane, held in place by dots of <b>DOUBLESTICK</b> tape.				
15.	Install <b>Equus drainage layer</b> against vertical <b>COLPHENE</b> membrane, and secure with <b>Equus Termination Bar</b> and sealant.				
16.	<b>VERTICAL POST APPLIED (Alternative options for areas with low risk of hydrostatic water pressure up to 3m deep):</b> Install a <b>COLPHENE 3000</b> self-adhesive reinforcement strip in all internal and external corners and connections between the floor and wall. Followed by application of <b>COLPHENE 3000</b> self-adhered to the wall. Hot air is used to ensure laps are well sealed.				
17.	Installation of Steel work by others.				
18.	Areas that have been perforated or damaged to be repaired by heat welding a piece of <b>COLPHENE BSW H</b> including a minimum 150mm overlap.				
19.	Concrete pour by others.				
20.	Precast panels or blockwork stood by others.				
21.	Waterstops placed where required. Cold joins and stitch joins.				
22.	Any loose areas on the upper edge of the membrane can be torched into place or sealed with the Equus Termination Bar and bead of <b>ALSAN MASTIC 2200</b> sealant.				
23.*	System to be inspected on completion.				