Equus Soprema DuO Roof & Deck Membrane

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SWARTSPEC

1 Specification Details

Trade Sections: Roofing, Waterproofing, Insulation
Description:
Keywords: Waterproofing, Roofing, Equus Industries, Soprema DuO Roof Membrane Systems, double layer membrane system, double-layer membrane system, single layer membrane system, single-layer membrane system, waterproof membrane, waterproof membranes, waterproofing membranes, bitumen membranes, bitumen waterproof membranes, bituminous membranes, modified bitumen membrane, modified-bitumen membrane, waterproof roofing, roofing, membrane roof, membrane roofing, roof cladding, roof membrane, roofing membrane, membrane roof, membrane roofing, flat roof, low-pitch roof, low pitch roof, curved roof, gutters, gutter membrane, internal gutter, self adhesive membrane roofing, self-adhesive membrane roofing, green roof, green roofs,green roof systems, green roof waterproof membrane, green roof membrane, green roof tanking, green-roof, green-roofs,green-roof systems, green-roof waterproof membrane, green-roof membrane, Duo HT 4 Slates/F C180 FC Firecare, Duo HT 4 Slates/F C180 FC Landscape, Duo HT 4 Slates/F C180 FC Mecano, Duo HT 4 Slates/F C180 FC No Flame, Duo HT 4 Slates/F C180 FC Aero, DeboPlast 2.5 T/F C175, DeboFlex 2.5 T/F C175, DeboTack 2.5 T/F C175, DeboTack 2.5 T/F C175 Aero,

2 Clauses

2.1 Scope

Help Note:
This section covers a two-layer bitumen waterproofing membrane system for roofs and decks, applied to a range of substrates, including to thermal insulation board to create Warm Roof system.

For technical advice and specification guidance, email Equus Industries Ltd at info@equus.nz, or contact one of our branches. For further technical information on products, please visit www.equus.nz

2.1.1 Scope

Supply and install the Equus Soprema Duo Roof Membrane System and the Duotherm Warm Roof System, as specified herein, to the locations indicated on the design drawings. This includes all system components, accessories, and ancillary items necessary for a complete and functional installation that meets the specified requirements.

The **Duo Two-Layer Membrane System** is a robust, flexible, and UV-resistant two-layer bitumen waterproofing solution suitable for roofing and deck applications. It combines the Duo High Tech base sheet and Duo High Tech cap sheet, ensuring exceptional durability and resistance to environmental

factors. The system is designed for compatibility with substrates such as concrete, plywood, and thermal insulation and is applicable to residential, commercial, and industrial projects.

The **Duotherm Warm Roof & Deck Membrane System** integrates advanced thermal insulation with waterproofing to enhance energy efficiency, reduce condensation, and optimize the thermal performance of buildings. The system includes a vapor barrier, rigid insulation (e.g., PIR or mineral wool), and the Duo Roof Membrane as the top layer. It is designed for use on flat roofs and decks across various building types.

In the right circumstances, both systems can be adapted to serve as a **Duo Landscape Green Roof System**, which differs because it contains a cap sheet that has a root resistant additive, making it specifically designed for use on green roofs, roof gardens, planter boxes, and courtyards.

All aspects of this work shall be in complete accordance with current Equus Industries Ltd technical literature and publications, including but not limited to Duo and Duotherm system guidelines, detail drawings, technical data sheets, CodeMark certifications, BRANZ appraisals, and all relevant product manufacturers' recommendations (available at equus.nz, or contact via email at info@equus.nz or phone Northern Branch, Auckland: 09 415 4314, Central Branch, Wellington: 04 576 0333 or Southern Branch, Christchurch: 03 353 2434).

No substitutions are permitted for the Duo or Duotherm systems.

Definitions

- The **Equus Soprema Duo Roof Membrane System** is referred to as the "Duo Membrane System."
- The **Equus Soprema Duotherm Warm Roof System** is referred to as the "Duotherm Warm Roof System."
- All Equus Industries Ltd associated technical literature and publications are collectively referred to as "Technical Literature."
- Equus Industries Ltd is referred to as "Equus."

2.2 Requirements

2.2.1 Safety

Comply with the Health and Safety at Work Act 2015 (HSWA), and with all relevant Health and Safety at Work Regulations 2016, and with all relevant WorkSafe New Zealand (WorkSafe) Approved Codes of Practice and WorkSafe Information and Guidance, particularly those for construction and building maintenance.