

SEALEX ADESSO NO. 34S EXPOSED ROOF WATERPROOFING SYSTEM

Draft Specification:

EXPOSED ROOF WATERPROOFING SYSTEM

On all exposed membrane roof areas, supply and install to manufacturer's written instructions and to AS CA55 a Ruberoid No. 34S 2-layer bituminous waterproofing system incorporating the following:

- Substrate:** Concrete decks with integral falls to AS CA55. Falls are to be evenly graded to outlets without ponding.
- External Corners:** Provide 12mm x 12mm chamfers along all concrete edges at junctions of horizontal and vertical surfaces where membrane is to be turned over.
- Internal Corners:** Provide 50mm x 50mm triangular sand/cement fillets at all junctions between horizontal and vertical surfaces.
- Roof Drains:** Roof drains are to be of solid cast metal construction with dished body and horizontal flanges and having a membrane clamping ring with fixings which do not penetrate the membrane. Set drains into deck so that the top surface of flange is flush with top surface of deck. Drains are to have grates which can be screwed down and released independently of the membrane clamping ring.
- Substrate Preparation:** The deck shall be dry, clean, smooth, firm, continuous, and free of loose or foreign matter likely to affect the adhesion of the membrane to the surface. New concrete is to be given at least 28 days curing time before laying membrane. After rain, no membrane is to be laid until the deck is completely dry.
- Primer:** Ruberoid Bitumen Primer applied to the dry deck at the rate of 4 to 6 square metres per litre. Primer must be completely dry before laying membrane over. Primed areas which have become soiled must be re-primed.
- First Membrane Layer:** Sealex polyester/talc APP modified bitumen membrane sheeting.
- Top Membrane Layer:** Sealex Adesso 4 Slate, polyester/talc APP modified bitumen membrane sheeting.
- Parapet Finish:** Provide 2-layer membrane turn-ups to heights shown on architectural detail drawings and fix top edge of membrane simultaneously with installation of Sealex No. 01 surface-mount pressure-seal. Pressure seal can be powder coated
To the desired colour of left as aluminium mill finish.
- Penetrations:** Provide 2-layer membrane turn-ups to upstand kerbs as detailed for all pipe and duct penetrations and plinths and overflash or cap all in accordance with relevant architectural details.

Expansion Joints:

Detail membrane layers at minor and major movement joints in accordance with architectural detail drawings.

**Colour Coating
(Optional):**

On completion of all membrane work, apply over the whole membrane area, including turn-ups, two coats of Coolroof (white), Cool green or Cool grey reflective roof coating.

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