

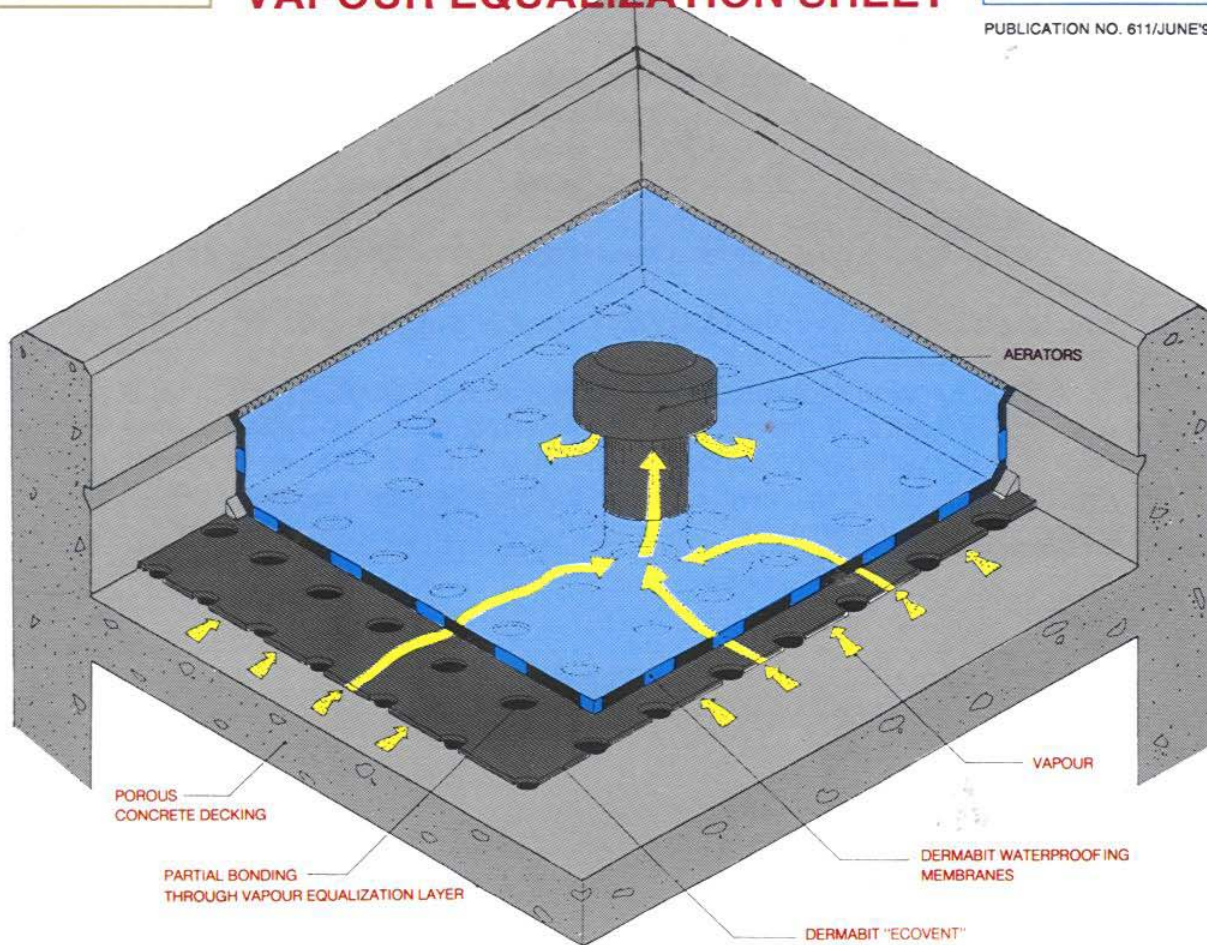


ECOVENT

VAPOUR EQUALIZATION SHEET



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DESCRIPTION

ECOVENT is a perforated vapour equalization base sheet, consisting of a specially perforated fiberglass mat, impregnated and coated with APP modified bitumen. The perforations are approximate 40mm in diameter, and are evenly distributed.

USES

ECOVENT IS USED TO PROVIDE UNINTERRUPTED VENTING OF ENTRAPPED MOISTURE IN THE EXISTING SUBSTRATE, ALSO COMMONLY FOUND IN NEW LIGHT WEIGHT OR FOAM CONCRETE. THE VENT SHEET ALLOWS VAPOUR TO MOVE FREELY UNDERNEATH THE CAP SHEET, THUS PREVENTING BLISTERING AND BUBBLES. VAPOR IS DISPERSED THROUGH ROOF VENTS THAT ARE EVENLY PLACED ACROSS THE ROOF.

TECHNICAL DATA

This Data may be changed, improved or modified by DWI, in accordance with the Client's requirements or availability of raw material, without advance notice. This product data sheet supersedes all previous data publications pertaining to this product.

APPLICATION METHOD

- **ECOVENT** is produced with a thin film of flammable polyethylene film on both sides.
- The surface to be waterproofed should be clean and free from any contaminants.
- Distribute the roof vents (AERATORS) evenly across the roof.
- Lay the **ECOVENT** loosely over the roof at 10 cm overlaps.
- Seal the overlaps by torching.
- Cut the **ECOVENT** neatly around the aerators and adhere it to the aerator base by torching
- Unroll the cup sheet over the **ECOVENT** sheet and align it for torching in the normally recommended method.
- During the torching process the thin PE film on the **ECOVENT** will burn off and the **MOLTEN BITUMEN** of the cap sheet will flow through the **ECOVENT** perforation and adhere to the surface, thus uniformly "SPOT BONDING" the cap sheet.
- Any trapped vapour will travel between the spot bonding under the **ECOVENT** and escape through the aerators.

TECHNICAL DATA

SIZE	: 1 X 20 METERS / ROLLS.
WEIGHT (NORMAL)	: 1.8 KG/SQM.
REINFORCEMENT	: 40 GRMS / M2 PERFORATED FIBREGLASS MAT.
SOFTENING POINT (R&B)	: 150 DEG. C (ASTM D36)
PENETRATION	: 15-20 DMM (ASTM D5)
COLD FLEXIBILITY	: - 2 DEG. C
HEAT RESISTANCE	: > 100 DEG. C
LONGITUDINAL CROOKEDNESS	: 0.MM / 10 M.
SHAPE STABILITY AT LOW TEMPERATURE (0 DEG. C.)	: NO DEFORMATION.

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