

Vents and drains for Soprema membrane roofing systems are available from Nuplex. Vents provide ventilation to roof cavities to prevent moisture buildup above the ceiling (and insulation) and below membrane roofing. These should be installed by contractors if no other ventilation is provided. This diagram outlines the need for vents.

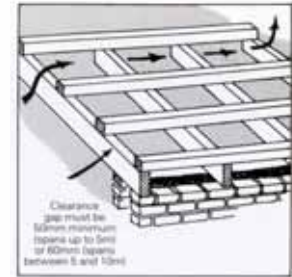
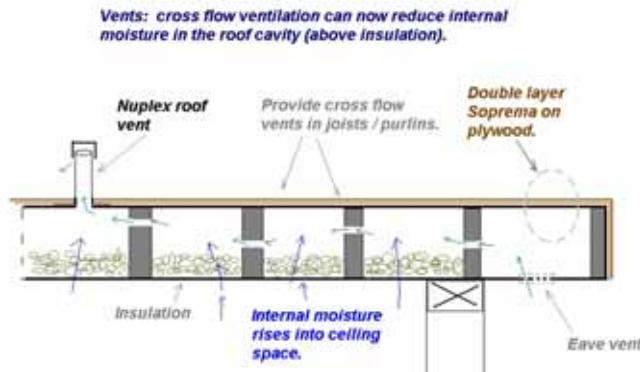
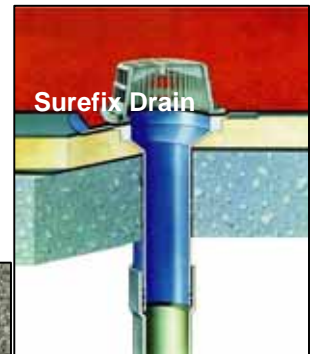


Fig 12 Cross battening is an alternative strategy for producing cross flow ventilation on a 'cold' flat roof

Moisture is present in roof cavities. This moisture arises from human activities within the building. It passes through the ceiling material and condenses on the underside of the impervious roofing membrane. Ventilation is necessary in the cavity to remove this moisture. The number of vents is dependant on the number of independent un-ventilated roof space areas. If in doubt, install one vent per every 100m². Vents are un-necessary if the roof is planned for 100% cross ventilation (see above right). (ref David & Charles manual of roofing by John Wickersham).



Square Vent



Surefix Drain



Art. 40



Art. 39.2



Tall Vent (above left) 75mm (dia) For Flat roofs Anti insect ring (for tall vent) (on left) Vent base (center) for double layer or insulated roofs.	270mm (h) x 320 x 320mm
Square vent (only suitable for low pitched roofs) (may leak due to wind blown rain on true flat roofs).	115(h) x 420 x 320mm
SureFix Drain 100mm.integral membrane locking plate with screws.	100mm
SureFix Drain 80mm.integral membrane locking plate with screws.	80mm
Roof drain scupper, (#39.2)	
Scupper adaptor , out, to fit 80mm downpipe (#40)	80mm