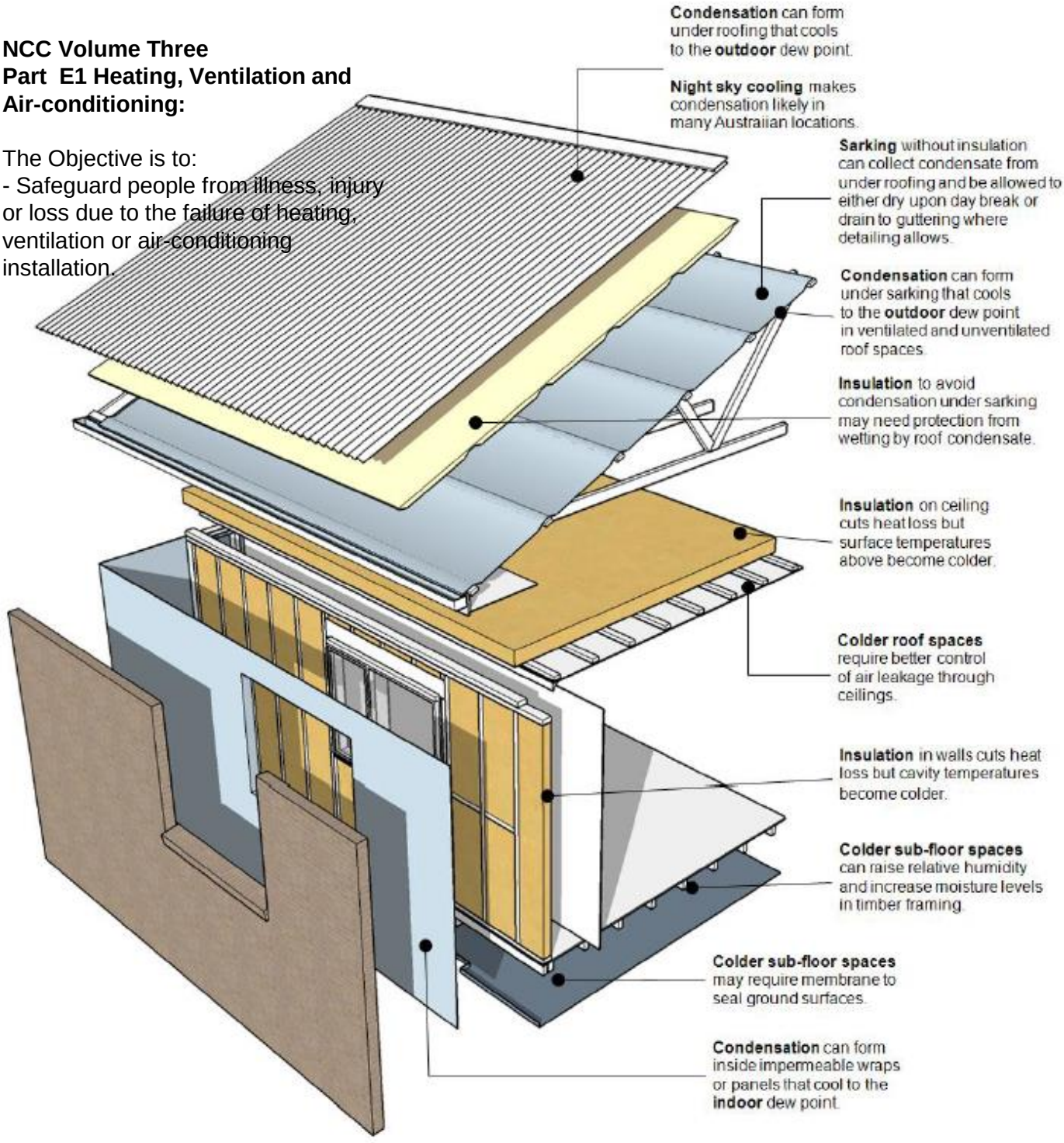
TECHNICAL TIPS – Condensation and Ventilation

NCC Volume Three
Part E1 Heating, Ventilation and Air-conditioning:

The Objective is to:
- Safeguard people from illness, injury or loss due to the failure of heating, ventilation or air-conditioning installation.



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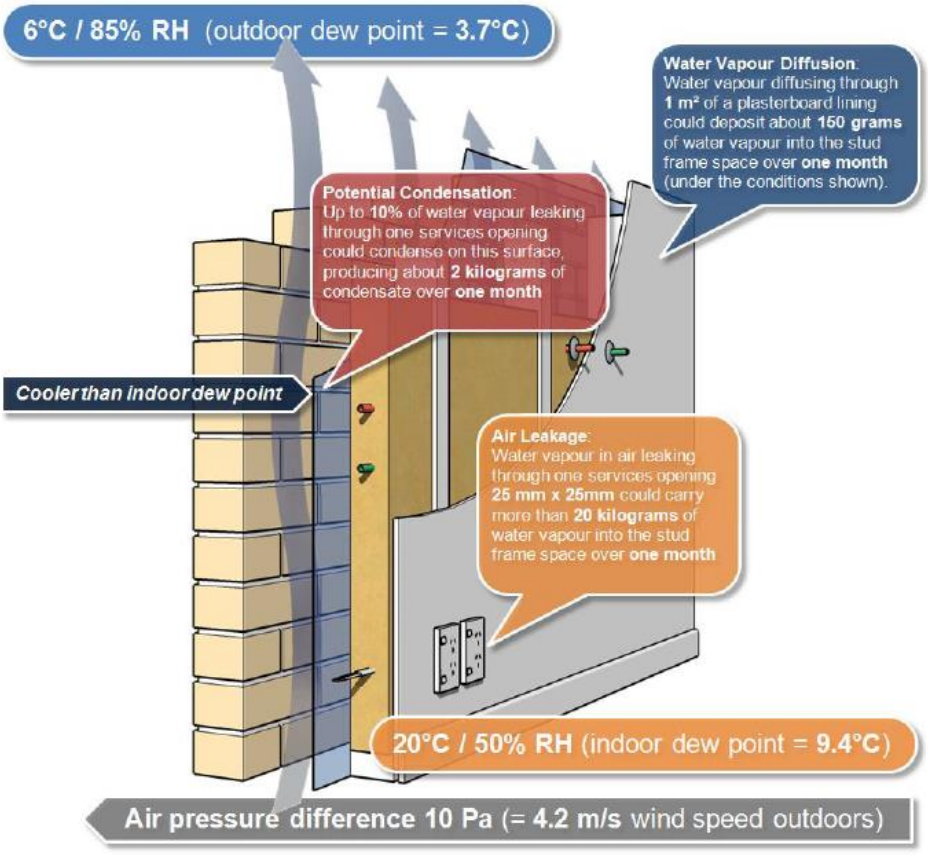
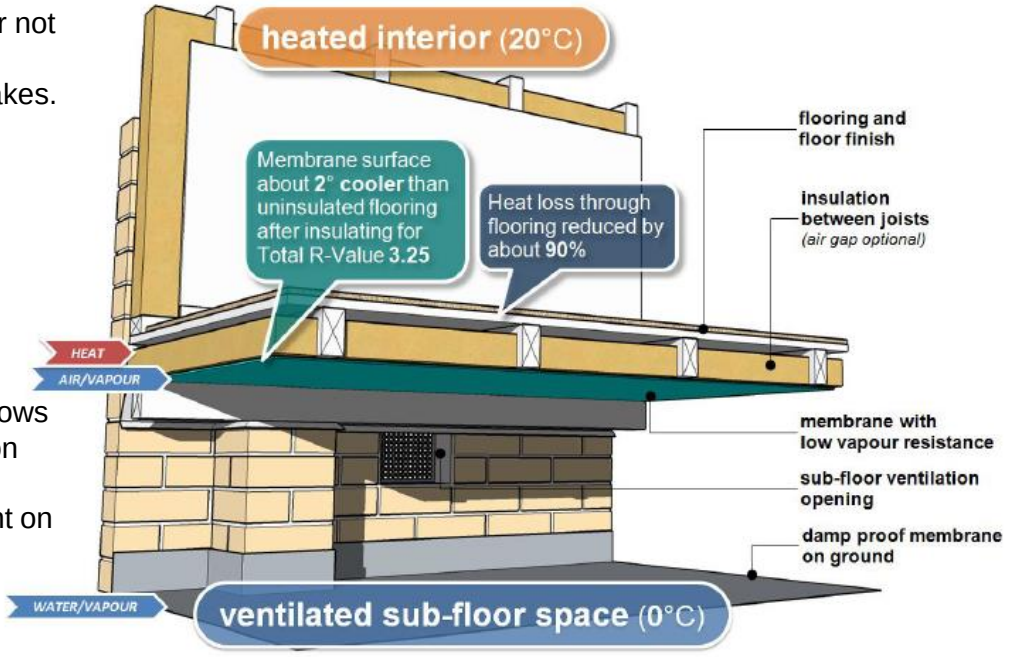
TECHNICAL TIPS – Condensation and Ventilation

Mould, Mildew and Fungus: Above 60% relative humidity, problems emerge which can more easily be seen. Moulds and fungus, for example, can develop on surfaces in a building or its contents when spores are present with a sufficient nutrient supply. Temperatures stay between 4º C and 40º C and relative humidity rises above 70% at the surface. Left to develop, these organisms can produce toxins and irritants with effects on respiratory health.



Walls:
Common mistakes in construction and repair works is not to allow sufficient ventilation.
Blocking up weep holes or not installing flashings with repairs are common mistakes.

Sub-Floor:
The NCC Volume Two shows Typical sub-floor ventilation with cross area ventilation and clearance requirement on a sloping site



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