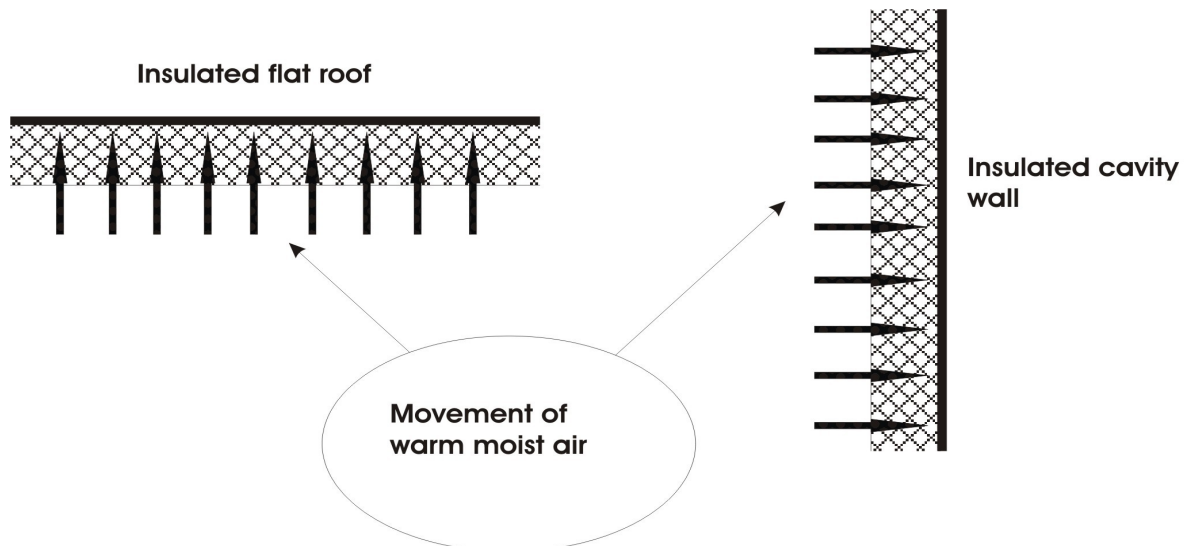


DAMP IN INSULATION LAYER (INTERSTITIAL CONDENSATION)

OCCURRENCE

- Warm moist air from inside a building penetrates an insulated wall or roof and meets a cold surface.



- Leads to rotting of timber or rusting of metal frames and can cause structural damage.
- Increased risk in:
 - buildings with flat or pitched roofs with insulation between timber joists or rafters;
 - timber framed walls with insulation within frames, between internal plasterboard and external cladding;
 - insulated 'dry lining' of solid walls;
 leading to saturation of insulation which becomes ineffective.

IDENTIFICATION

- This is hard to identify and is usually only found when some other defect becomes apparent, for example the timber or metal frame fails.

REMEDIES

- Employ a professional surveyor or builder to identify the cause and design a suitable repair.

For further help why not contact us at the Energy Advice Centre, 51 High Street, (Opposite Nero's). We are open between 10-4pm Monday - Friday, 10-1pm Saturday. Telephone: 07811 462 659