

Recessed lights or downlights can now be covered with insulation as long as they meet the following criteria:

1. The light must be IC rated – which means that it has met the requirements set out by the standard on recessed luminaires – AS60598.2.2:2001.
2. You can identify an IC rated downlight because it will have either IC or IC-F written on the light / light housing / power cord or any combination of these (refer to photo in appendix A). **If the downlight is not marked IC or IC-F then the usual cut out of 200mm diameter is required around the light.**
3. All downlights with the above marking should be insulated over the top (see appendix B).
4. Service temperature does not exceed 350° C (Ecowool Insulation Ceiling Batts have a maximum service temperature of 350° C)



Feel the difference. Guaranteed !

Technical specifications as shown in this literature are intended to be used as general guidelines only. Product facings may vary. The physical and chemical properties of glass mineral wool insulation listed herein represent typical average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Warranty and liability upon delivery shall be in accordance with our General Terms and Conditions. No responsibility is assumed for the correctness of this information. Version 2 February 2022.

Appendix A – Identifying IC or IC-F fittings



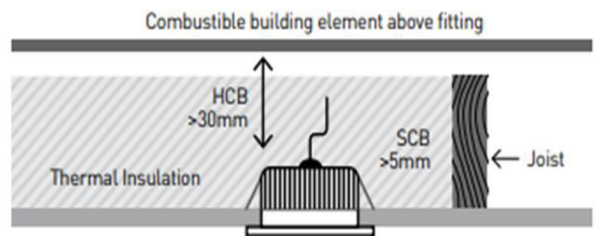
Appendix B– Insulation installation diagram for recessed or downlights:

4 Insulation Rating

This series of downlights has achieved an IC-F insulation rating in accordance with AS/NZS 60598.2.2.

A type IC-F luminaire can be installed with building insulation material that can safely be exposed continuously to temperatures up to 90°C. Such insulation can cover and abut the side of the luminaire.

Refer to the diagram shown on the right for clarification.



Note: Not suitable for use with loose-fill insulation.

If installed in accordance with the IC-F rating, insulation shall have a minimum temperature rating of 90°C.

RISK OF FIRE - Required clearance from structural members and building elements SCB = 5mm HCB = 30mm

SCB - Side Clearance to Building element: Minimum distance between the side of the recessed luminaire and any building element.

HCB - Height Clearance to Building element: Minimum distance between the top of the recessed luminaire and any building element above it.

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