COOL-LITE
PREMIUM GRADE
GEL COATED
translucent roofing provides diffused light, reduces heat, saves energy costs.

Proved by tests.

Scientific tests conducted by Vipac Engineers & Scientists Ltd. NATA approved laboratory prove the effectiveness of 'Cool-lite GC' translucent fibreglass sheeting in providing good diffused lighting while controlling heat transmission. The test report shows light transmission of 38%, while total heat transmission is just 23.5%.

'Cool-lite GC' is premium grade sheeting with the same highly UV resistant gel coated surface as Ampelite 'Wonderglas GC'.

Now you can turn the most powerful light source in the Universe into the most effective, low cost, low temperature workplace lighting. The full test reports are available from Ampelite.

A special purpose product by Ampelite

Makes light work!
Cool-lite provides cost and comfort benefits.

Factories, supermarkets, warehouses, shopping centres, schools, gymnasiaums and sports stadiums are prime examples of buildings where heat reduction sheeting is beneficial. In fact, in most single level buildings 'Cool-lite GC' provides natural, diffused light that can replace, or supplement energy hungry electric illumination. If existing fibreglass sheeting is replaced with 'Cool-lite GC', transmitted temperatures and glare are reduced, and airconditioning efficiency is improved.

All current and most superseded roofing profiles are available and there are no width restrictions. The special resins and colouring agents used by Ampelite are the best available, resulting in a very durable product. Both discoloration and scratch resistance are excellent, and 'Cool-lite GC' retains its great appearance with minimal maintenance.

Ampelite fibreglass reinforced polyester sheeting meets Australian Standard AS/NZS 4256 parts 1 and 3:1994. Weights available include 2400 g/m², 3050 g/m², 3660 g/m². Cool-lite GC can also be manufactured to incorporate the fire retardant properties of Ampelite SR76.

- No profile or width restrictions.
- Reduces heat transmission.
- Provides natural diffused light.
- Reduces energy costs.

HOW COOL-LITE PERFORMS

COOL-LITE SHEET

Absorbed heat to be reradiated 24%

38% transmitted light
16% direct
16% indirect
7.5% total transmitted heat
16.3% reflected heat
50% solar heat out

COOL-LITE SPECIFICATION EXAMPLE

The translucent sheeting shall be Cool-lite GC gel coated fibreglass reinforced polyester as manufactured by Ampelite Fibreglass Pty Ltd to comply with AS/NZS 4256 parts 1 and 3:1994. The weight of the sheet shall be 2.4 kg/m² and be manufactured to conform with the nominated profile and colour. Installation shall be carried out in accordance with Ampelite fixing instructions and with AS/NZS 1562.3:1996 Design and Installation of sheet roof and wall cladding Part 3: Plastic.

* Insert actual sheet weight required.

Ampelite

Made in Australia by:

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