

Rock Chill



General Product Information

ROCKWOOL Rock Chill is the ideal indoor thermal insulation solution use for both smooth plaster ceilings and T-BAR ceilings to improve indoor thermal comfort. Rock Chill is highly effective in cooling down the indoor temperatures through reduction of solar heat gain from roof. A lower indoor room temperatures and help air conditioners work less hard, hence curtailing household electricity costs compared to non-insulated homes. Rock Chill is design with consideration of installation easiness for both new and existing houses.

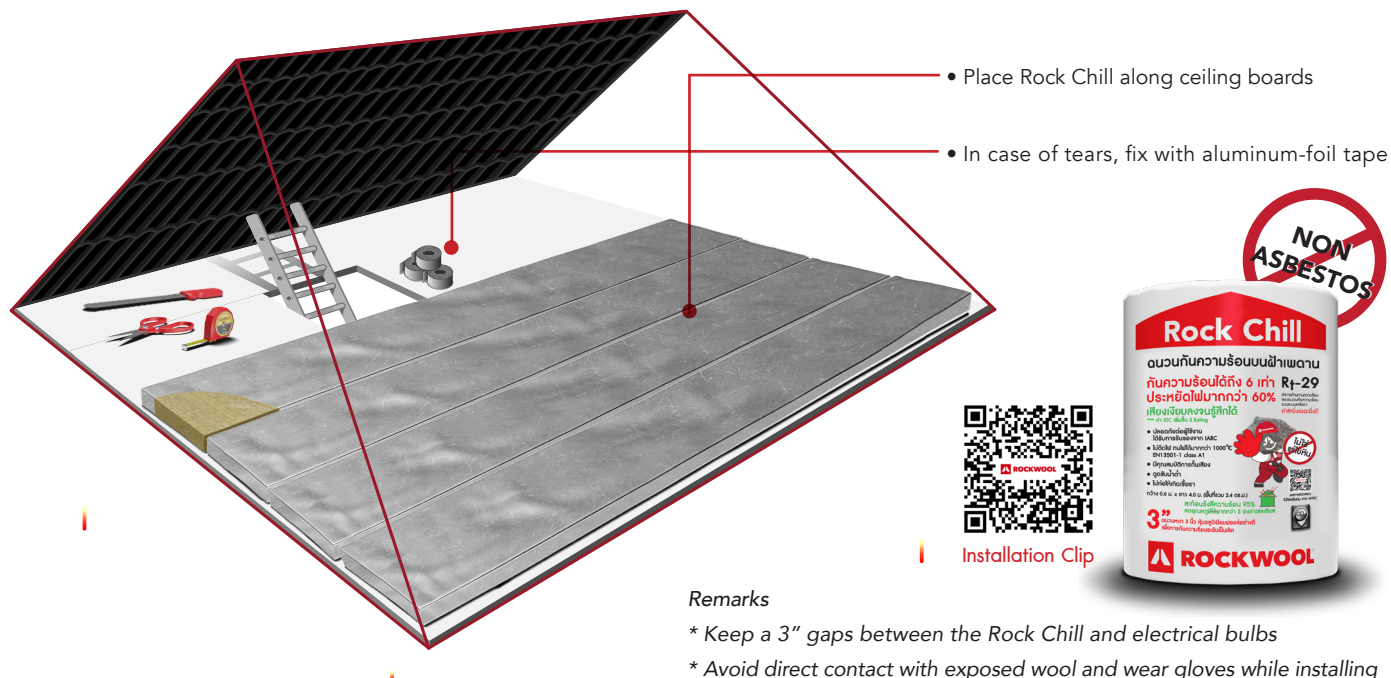
Product Attributes

- Rock Chill available in a blanket size of 0.6 m. width and 4.0 m. in length (2.4 m²).
- Rock Chill standard thickness is 75mm or 3".
- Rock Chill light brown color blanket is fully wrapped with high durable aluminium foil.
- Rock Chill is packed in the roll form with fully encapsulated packaging

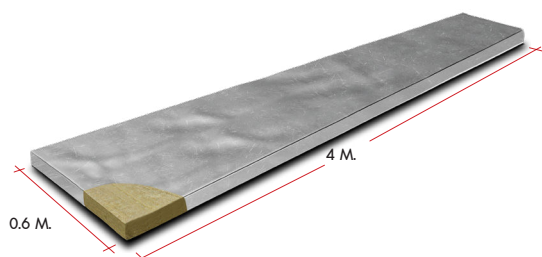
Product Features

- Up to 95% radiant heat.
- More than 3°C indoor heat reduction.
- Provide 6X thermal resistance compared to non-insulated house which allow more than 60% of electricity cost saving.
- R-value (thermal resistance ability) equal to 12.17 hr. ft² °F/Btu (the higher the value, the better thermal resistance)
- Rt-value (resistance ability including roofing system) equal to 29 hr. ft² °F/Btu (the higher the value, the better thermal resistance)
- Fire safety, Non-combustible material; Melting point more than 1,000 °C. Tested according to EN 13501-1 Class A1 Standard
- High water repellence, inorganic and contains no nutritious substance – Mold resistant
- STC value increased by 3 ratings: noticeable silence
- Safe material, non-carcinogenic, certified by International Agency for Research on Cancer (IARC)
- Environmentally friendly, certified carbon reduction label considered by production processes by TEI

Installation of Rock Chill on Ceiling Boards



Calculation Formula of Rock Chill Quantity



Ceiling board area (m²)
Width (m.) x Length (m.)

2.4 square meters (insulator area/roll)
(0.6 m. width x 4 m. length)

= Required Rock Chill quantity (rolls)

Calculation Example: Rock Chill Quantity on Ceiling Boards

Mr. Rock wants to place Rock Chill on ceiling boards of 6 m. wide x 10 m. long. The total ceiling board area of the house is 60 m².

$$\frac{60 \text{ (m}^2\text{)} \times (6 \text{ m.}) \times (10 \text{ m.})}{2.4 \text{ (m}^2\text{)}} = 25 \text{ rolls}$$



For further information:
ROCKWOOL product is non-asbestos
which is safe to your health



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Disclaimer: The data contained herein is deemed correct as of the publication date. ROCKWOOL shall bear no responsibility or liability whatsoever with regard to the use, Rock Chill Model, different from the aforementioned description and specification.