

NEW

SCG Thermal Insulation for Ceiling STAY COOL SMART



STAY COOL SMART

Cool Up Your Home
by **4-6** times heat protection



**Green Innovation Living
You Can Touch**

SCG GREEN CHOICE



Comfort Living Care

STAY COOL SMART Series helps cool down room temperature by 1-4°C and cool up your home by 4 times heat protection.



Hygiene Care

The International Agency for Research on Cancer (IARC) has classified glasswool insulation as "No classifiable as to carcinogenicity to human" including SCG Insulation offers low VOCs for your health. And SCG Insulation has been certified EUCB from Europe.



Environmental Care

STAY COOL SMART Series helps reduce waste by using 100% recycled glass.



Product Quality Care

With the innovation Fibra-X Technology, STAY COOL SMART Series has a good thickness recovery despite its highly compressed roll.

Features & Benefits



Comfort Living Care

Resists and reflects heat efficiently which can decrease room temperature by 1-4°C. Become the energy saving product by reducing workload of air conditioner. STAY COOL SMART Series also received High Performance Label Certification from Ministry of Energy of Thailand.



Hygiene Care

- International Agency for Research on Cancer (IARC) has classified glasswool insulation as "Not classifiable as to carcinogenicity to human" which means it is safe to human health.
- Become the first glass wool insulation manufacturer in ASEAN that has been certified from European Certification Board for Mineral Wool Products (EUCB), the European standard which enhances the confidence of consumers in the safety of mineral wool for human health and the environment.
- Low Volatile Organic Compounds (VOCs).



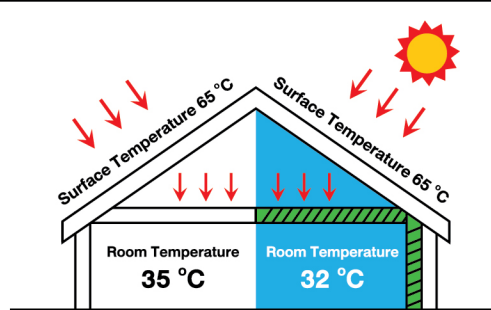
Environmental Care

Produced from 100% recycled glass instead of using sand as our major raw material. therefore, we have received SCG GREEN CHOICE and Green Label from Thailand Environment Institute (TEI).



Product Quality Care

Fibra-X Technology which made product still has a good thickness even in compact size.



Easy to install

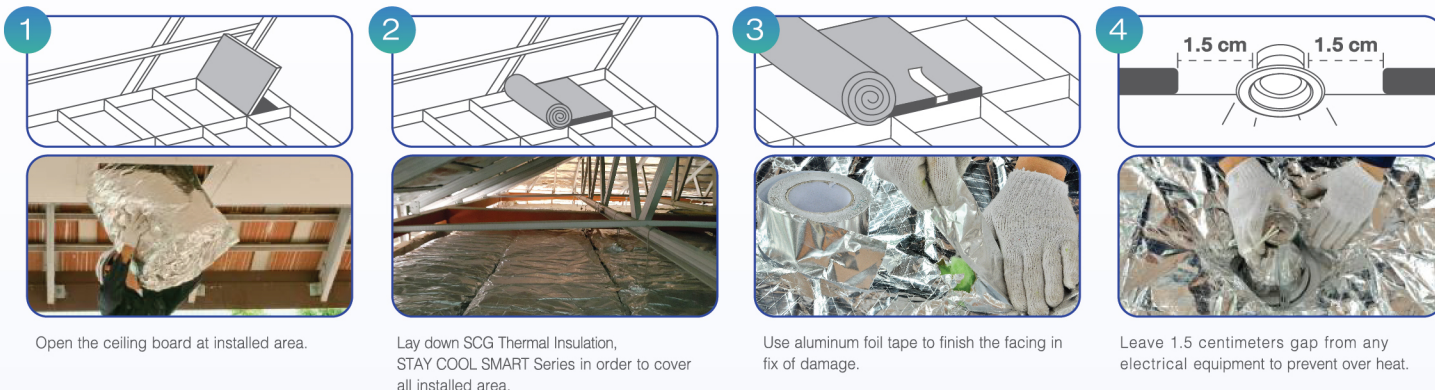
SCG Thermal Insulation, STAY COOL SMART Series has light weight compact roll which provide a quick and convenient installation by just lay down STAY COOL SMART Series on the ceiling of your house. Suitable for both new build and renovated houses.



Non-Flammable

SCG Insulation is a noncombustible material in accordance with ASTM E84, BS476 with FR grade Al-Foil, so it can be used with safety.

Installation



Product Specification

Product Specification	STAY COOL SMART Thickness 3 inches (75 mm)	STAY COOL SMART Thickness 6 inches (150 mm)
Facing	Double protection encapsulated with aluminum foil	
Heat protection efficiency (Compared to the house without insulation)	4 times protection	6 times protection
R_t Thermal resistance (total) (h.ft ² · °F/Btu)	27.0	38.0
R_m Thermal resistance (material) (h.ft ² · °F/Btu)	10.0	20.0
Net weight (kg/roll)	2.70	4.80
Insulation weight (kg/m ²) Average loading weight for standard ceiling 30 kg/m ²	1.13	2.06
Size per roll (m x m)	0.60 x 4.00	0.60 x 4.00
Cover area per roll (m ²)	2.40	2.40

Tips Estimated amount of STAY COOL SMART to use (rolls) = $\frac{\text{Ceiling Area (m}^2\text{)}}{2.4 \text{ (m}^2\text{)}}$

The calculation of Roof Thermal Resistance (R_t) is reference to The guideline of Energy Conservation Building Design by Bureau of Energy Regulation and Conservation, Department of Alternative Energy Development and Efficiency (DEDE) Ministry of Energy

Cautions : Do not install in sunlight area directly • Power off the electricity before installation • Do not cover the electric bulb • Store as packaged in sealed bag and avoid from water, humidity and sunlight.



STAY COOL SMART 2 Rolls / Pack
Roll Size 0.60 x 4.00 m (4.80 m² /Pack)



Email : contact@scg.com, www.scgbuildingmaterials.com