

SCG THERMAL AND ACOUSTIC INSULATION





About **SCG**

SCG, a leading business conglomerate in the ASEAN region, has committed itself to conducting business in line with good corporate governance and sustainable development principles throughout 100 years. The Group's longstanding tradition of learning, adjustment and development in all areas has enabled SCG to survive the wave of crises and challenges and earn widespread recognition as a role model for other businesses, both locally and internationally.

SCG was established in 1913 following a royal decree of His Majesty King Rama VI to produce cement, the main building material for infrastructure projects that greatly contributed to the progress of the country during that period. Since its founding, SCG has grown continually and diversified into three core businesses, namely SCG Cement-Building Materials, SCG Chemicals and SCG Packaging.

Throughout the past 102 years, **SCG** has been relentless in organizational and employee development which helps drive innovation in products, services, processes, and business models to create higher value and address the needs of all parties concerned. Moreover, the Group is committed to contributing to the sustainable progress of the communities where SCG operates and pledges to become ASEAN's business leader as well as a role model in corporate governance and sustainable development.



SCG Insulation

Environmentally Friendly and Health Safety

SCG Insulation has passed the environmental system assessment and certificated ISO14000 and now is a member of U.S. Green Building Council which is a global organization placing importance on green building development. Moreover, our insulations have been qualified “SCG eco value”, “Green Label Thailand” and also “Green Label Australia”.

Our commitment to environmental awareness has been apparently shown by our eco-friendly product development concept “Green product from Green Process” which using 100% recycled glass as a major raw material. SCG insulation products can help saving energy consumption, creating a comfort of living and be a part of environment conservation.



Certifications are available for selected products. For more information please contact the company.











The product information presents only general technical knowledge based on printed date, the product technology is developed periodically. This information is not legally guaranteed unless specific documented agree. Please always ask and verify for the latest information from SCG by the terms of trade and delivery.

SCG GREEN

SCG GREEN is composed of a light weight and resilient glasswool boded together with thermosetting resin. Its flexible, good recovery and thickness consistency offer a reliable R-Value. **SCG GREEN** is manufactured in accordance with AS/NZS 4859.1:2002. **SCG GREEN** is available in a wide range of R-value and performs an excellent thermal and acoustic insulation which is suitable for install above ceiling and in wall partition applications in both commercial and residential buildings



Features and Benefits

-  Non-Combustible
-  Water repellency treatment
-  Save electricity cost
-  Easy to handle and install
-  Long life insulation performance
-  Environmentally friendly insulation
-  Excellent sound absorption
-  Reduce heat transfer

Product Specification

Rm m ² .K/W	NOMINAL THICKNESS mm	WIDTH mm	LENGTH mm	PCS / PACK	CONTENT AREA m ²	COVERAGE AREA m ²
1.5	75	430	1160	20	10.0	11.3
1.5	75	580	1160	20	13.5	14.9
2.0	95	430	1160	16	8.0	9.0
2.0	95	580	1160	16	10.8	11.9
2.7	125	430	1160	20	10.0	11.3
2.7	125	580	1160	20	13.5	14.9
3.3	160	430	1160	16	8.0	9.0
3.3	160	580	1160	16	10.8	11.9
3.5	175	430	1160	16	8.0	9.0
3.5	175	580	1160	16	10.8	11.9
4.0	195	430	1160	14	7.0	7.9
4.0	195	580	1160	14	9.4	10.5
5.0	230	430	1160	8	4.0	4.5
5.0	230	580	1160	8	5.4	6.0
6.0	240	430	1160	6	3.0	3.4
6.0	240	580	1160	6	4.0	4.5

Technical Data

Maximum Service Temperature

Can be used with the application with maximum service temperature not over 230°C

Mold & Fungus Growth

Will not support or promote

Physical Properties Fire Safety

ASTM E84

Flame Spread < 25 Smoke Developed < 50

Moisture Sorption

Less than 3% by weight at 40°C 90%RH



SCG CYLENCE

SCG CYLENCE is a non-combustible, lightweight and resilient glasswool, its excellent sound absorption property and also thermal resistance helps improving Sound Transmission Class (STC) rating of exterior wall and interior drywall partition and saving electricity cost. **SCG CYLENCE** is manufactured in accordance with AS/NZS 4859.1:2002. **SCG CYLENCE** is easy to install and firmly fit in wall cavity, suitable for both metal stud and wood frame. It can be cut to fit around wires, outlets, electrical conduit and plumbing system.



Features and Benefits

- Non-Combustible
- Water repellency treatment
- Save electricity cost
- Easy to handle and install
- Long life insulation performance
- Environmentally friendly insulation
- Excellent sound absorption
- Reduce heat transfer

Product Specification

Rm m ² .K/W	NOMINAL THICKNESS mm	WIDTH mm	LENGTH mm	PCS / PACK	CONTENT AREA m ²	COVERAGE AREA m ²
R2.0	90	430	1160	23	11.5	13.0
R2.0	90	580	1160	23	15.5	17.2
R2.5HD	90	430	1160	14	7.0	7.9
R2.5HD	90	580	1160	14	9.4	10.5
R2.7HD	90	430	1160	7	3.5	3.9
R2.7HD	90	580	1160	7	4.7	5.2

Technical Data

Maximum Service Temperature

Can be used with the application with maximum service temperature not over 230°C

Mold & Fungus Growth

Will not support or promote

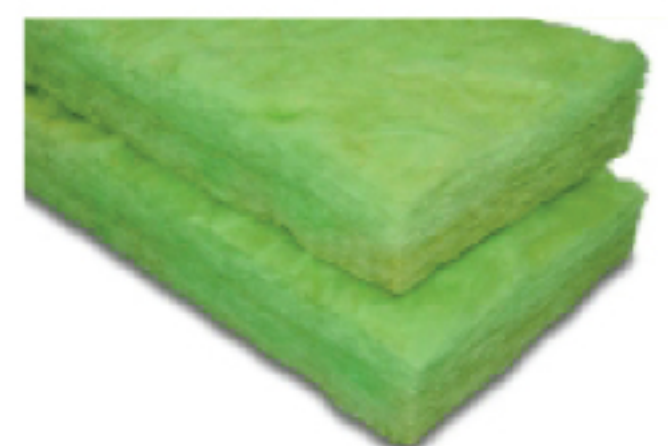
Physical Properties Fire Safety

ASTM E84

Flame Spread < 25 Smoke Developed < 50

Moisture Sorption

Less than 3% by weight at 40°C 90%RH



Our Products & Services



Thermal Insulation



Cylence Expert



Acoustic Product & Service



Translucent Roof Sheet

The colors shown in this catalogue may vary from the actual product due to the printing process. Final color selection should be made from the sample.

We reserve the right to update or modify at any time without prior notice.

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