



Where
Energy Saving
Matters



SUNROCK[®]
Insulating the World

Thermocare Rock wool (I) Pvt. Ltd.

OUR COMPANY

WE CARE



●
About Saving Energy

●
About Optimally Utilizing
Resources

●
About You

WE ARE

- Thermocare Rock wool (I) Pvt. Ltd. is one of the leading & recognised manufacturer of Rockfiber/Stonewool insulation product under the brand name of **SUNROCK®**
- A unique combination of people & technology together with sound business ethics & a focus on product development contributing in raising the benchmark of this competitive global industry.
- Located in central India with convenient come and go advantageous geographical location, having presence in major cities like Hyderabad, Chennai, Bengaluru, Ahmedabad, Delhi, Pune and Mumbai.

WE AIM

- Towards insulating the world.
- Towards saving the energy thereby increasing the comfort living of people across the world thereby creating sustainable environment.
- With our state-of-art technology, process and infrastructure to cross many more milestones in our quest for manufacturing excellence.

WE WORK

- On 360° improvement basis, what this all mean for you is faster lead time and greater flexibility in product line to meet your growing demand and changing needs.
- To serve with unmatched quality, dedicated work force in order to achieve 100% customer satisfaction.

ABOUT SUNROCK®

SUNROCK® our brand, registered & in force since 2006 has now created a benchmark for the industry & is a highly innovative insulation material created with the most advanced technology to meet IS, BS, EN & ASTM Standards.

SUNROCK® offers a wide range of insulation products for different application of Thermal and Acoustical areas.

Keeps every possible advantage of the characteristics of rocks in its products among which Fire Proof, Sound Proof, Eco-Friendly & Non-Hazardous are few to highlight.

To design a best fit Insulation System for specific job **SUNROCK®** caters a pool of choices of products in various Forms, Densities and Thicknesses with different Facings.

WHY SUNROCK®

SUNROCK® products are manufactured from various types of dia-base rocks, mainly basalt of specific predetermined chemical composition, melted at high temperature in a technically advanced process. Fine hairline fibres are then produced by spinning the molten mixture in a very high speed through multi spun disc system and then fibres are bonded with a special thermosetting resin.

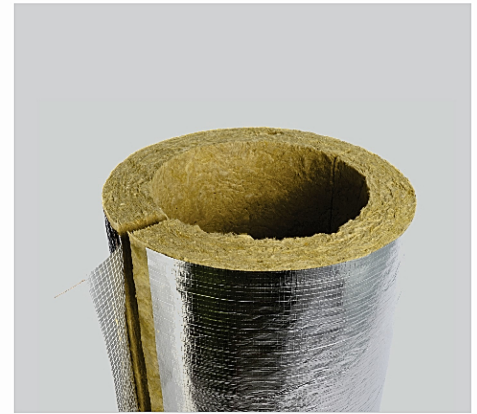
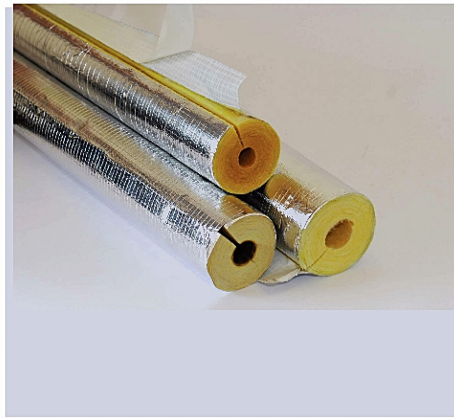
Some very distinguished features making **SUNROCK®** the first choice for Thermal and Acoustic Insulation solution are:

1. 100% Fire Proof, classified as CLASS O, when tested according to BS 476 with it's various relevant parts.
2. Noise reduction coefficient (NRC) of **SUNROCK®** stonewool products are very high.
3. Very Low K-Value (Thermal Conductivity) at relatively higher mean temperatures.
4. Flame Spread and Smoke developed index is 0 when tested according to ASTM E 84.
5. A wide range of application from -50°C to 750°C.
6. Excellent resilience to compression.
7. Do not cause, initiate or promote any kind of corrosion.
8. **SUNROCK®** products are water repellent and absorbs less than 1% when tested according to BS2972 complying AGI Q 136.

USPs

1. **SUNROCK®** products are good resistant to water vapours, most common salts and chemicals & when tested as per IS, BS, and ASTM standards it is proved that the material exhibits excellent resistance to moisture.
2. **SUNROCK®** products are approved from various prestigious institutions like DNV, EIL, NTPC, BHEL, MECON, Indian Railways, Defence etc.
3. **SUNROCK®** has a large range of insulation products which varies in its form, resin content, density, thickness and type of facing. This helps customer for a tailored fit insulation solution to their specific jobs.

SUNROCK® STONEWOOL PIPE INSULATIONS



SUNROCK® Pre-formed stonewool pipe insulation are manufactured by spinning a molten mixture of natural rocks & recycled products into fine wool like fibres. They are in cylindrical shape and are supplied in split and hinged for easy snap-on assembly. **SUNROCK®** Preformed Sectional Pipes are used over a wide temperature range for Hot and Cold Air, Water, Steam and Oil Pipelines.

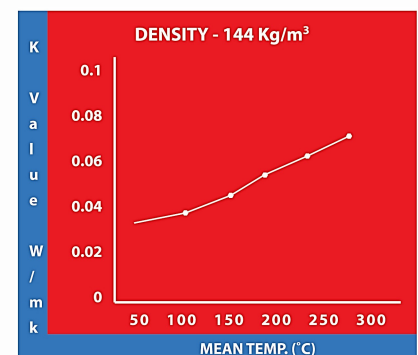


TECHNICAL PARAMETERS

PROPERTY	VALUE							SPECIFICATION
THERMAL CONDUCTIVITY (W/MK)	TEMP K	150	200	250	300	400	500	IS : 9842 : 1994 & ASTM C 177
		0.051	0.061	0.072	0.086	0.13	0.154	
FLAME RESISTANCE OR FLAME SPREAD INDEX	CLASS I Maximum 0 - 25							BS:476 (P-4,6,7&9) ASTM E84
NOISE REDUCTION COEFFICIENT	0.90							IS : 8225 : 87
CHLORIDE CONTENT (WEIGHT%)	MAX 0.001 ≤ 10 mg/kg							IS: 9842 : 1994 & Astm C 547 ASTM C871
SULPHUR CONTENT (WEIGHT %)	MAX 0.12							IS : 8183 : 93
COMPRESSIVE STRENGTH	8kPa (1.16psi) at 10% compressi on							ASTM C 165
DIMENSIONAL STABILITY	IN ACCORDANCE WITH							ASTM C 547
WATER ABSORPTION (%)	<1%							ASTM C 547

PRODUCT SPECIFICATIONS - IS : 9842 : 1994, ASTM C 547

Length of the Pipe : 1000mm
 Nominal Bore : 1/2" to 24"
 Thickness : 25mm to 100mm
 Density : 144 to 250 Kg/M³
 Facing : With or Without Al. Foil



PARTNER OF SUCCESS

REFINERIES



POWER PLANTS



DEFENCE & RAILWAYS



CEMENT INDUSTRIES



STEEL INDUSTRIES



AIRPORTS



OTHER OEMs



SUNROCK®
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*We all have a responsibility....
to work together towards a better tomorrow,
towards peace and conserving energy*