



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

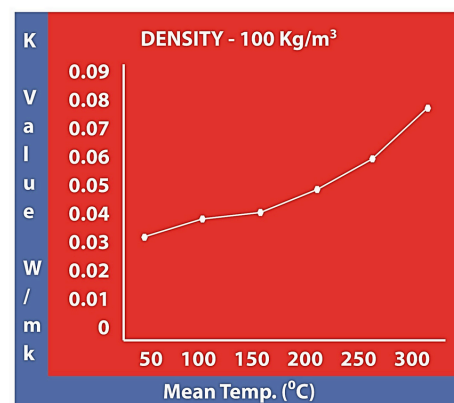
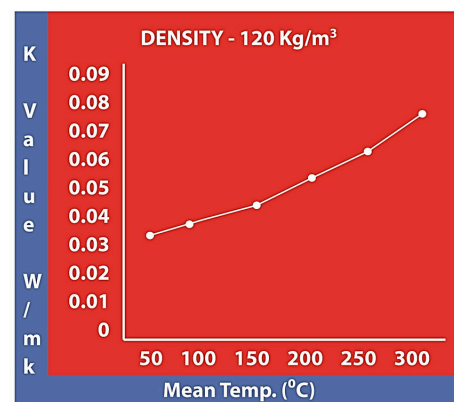
1. **SUNROCK®** products are good resistant to water vapours, most common salts and chemicals & when tested as per IS, BS, and ASTM standards it is proved that the material exhibits excellent resistance to moisture.
2. **SUNROCK®** products are approved from various prestigious institutions like DNV, 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® LIGHTLY RESIN BONDED STONEWOOL MATTRESSES



SUNROCK® Lightly Resin Bonded (LRB) Stonewool mattresses are made out of molten rocks (Basalt) transformed into fibres and then bonded with thermosetting binder forming mattress and then it is stitched with one side or both sides GI or SS hexagonal wire netting.

SUNROCK® LRB Stonewool mattresses are exceptionally suitable for wrapping large curve surface or cutting to fit over irregular surfaces like Boilers, Equipments, E.S.P, Ducts, Ovens, Furnaces, Tanks, Pipe Lines, Chimney walls etc.



TECHNICAL PARAMETERS

PROPERTY	VALUE							SPECIFICATION
THERMAL CONDUCTIVITY (W/mk)	TEMPERATURE	50	100	150	200	250	300	IS : 3346/1980
	K	0.043	0.052	0.06	0.066	0.075	0.0823	
FIRE RESISTANT	CLASS O							BS 476 P-4,9
MAXIMUM SERVICE TEMPERATURE	-50°C TO 750°C							IS : 8183 : 1993
WATER ABSORPTION %	<1 %							ASTM C592
CHLORIDE CONTENT (WEIGHT%)	MAX 0.001 ≤10 mg/Kg							IS : 8183 : 1993 & ASTM C 591 ASTM C871
SHOT CONTENTS MAXIMUM (% WEIGHT)	5							IS : 8183 : 1993
FLAME SPREAD INDEX	0 - 25 (passes)							ASTM E 84
SMOKE DEVELOPED	0 - 25 (passes)							ASTM E 84

PRODUCT SPECIFICATIONS - IS : 8183 : 1993, ASTM C 592

SIZE OF MATTRESS : 1640mm x 1220mm
 THICKNESS : 25mm to 150mm
 DENSITY : 85 to 200 Kg/M³
 METAL FACING : G. I or S.S., Hexagonal W/N

PARTNER OF SUCCESS

REFINERIES



POWER PLANTS



DEFENCE & RAILWAYS



CEMENT INDUSTRIES



STEEL INDUSTRIES



AIRPORTS



OTHER OEMs



GSTIN : 24AAV FV2909E1ZY



Vansh Enterprise

All type of insulation & Accessories

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