



A  
**SARDA**  
Venture



**RHINO LOOSE WOOL**  
Flow-Anywhere. Fill-Everywhere.

**TECHNICAL  
DATA SHEET**

## RHINO LOOSE WOOL (RLW)

Designed for irregular spaces, Rhino **Loose Wool (RLW)** adapts to any cavity, ensuring tight packing and maximum insulation even in complex geometries. It is your high-performance fill material for acoustic and thermal control in places where pre-formed options cannot reach. RLW is an unbonded, fluffy mineral wool insulation ideal for irregular or hard-to-reach voids. It offers the same fire, thermal, and acoustic benefits of rigid boards but can be packed manually or pneumatically blown into complex geometries.

## PRODUCT TECHNICAL DATA

PARAMETER	UNIT	VALUES	STANDARD
Fiber Diameter (ø)	μ	< 7 microns	
Maximum Service Temperature (ST (+))	°C	750°C	IS 8183
Vibration Resistance	%	< 1%	IS 8183
Jolting Resistance	%	< 3%	IS 8183
Thermal Conductivity (λ)	W/m·K	Complies	IS 8183
Fire Performance	Class	Class A	ASTM C612
Melting Point	°C	>1000°C	ASTM D794
Incombustibility	%	< 5%	IS 8183
Moisture Content (W or MC)	%	< 2%	IS 8183
Moisture Absorption (W)	Kg/m <sup>2</sup>	< 2%	IS 8183
Shot Content	%	<25% Including all 3 sieves as 500, 250 & 150 Micron	IS 8183
Sulphur Content	%	< 0.2%	IS 8183
Leachable Chloride Content	ppm	< 20 ppm	IS 8183
Alkalinity	pH	7 – 10 pH	IS 8183
Sound Absorption Class		Class A	ASTM C423
Packaging	kg	40 kg	



Rhino rock mineral wool is manufactured from inorganic minerals from domestic and international sources. The raw materials are heated between 1600°-1800° C and transformed into fine fibers. Rhino is available in wired matts, slabs, building rolls, lamella and loose wool in various shapes, facings and dimensions with different technical characteristics. It is used for thermal and sound insulation, fire safety and acoustic performance.

- It does not decompose and corrode
- It is asbestos and rot free
- It is resistant to insects, mold, fungi, and vermin

**ABOUT SARDAS:** Sarda Energy & Minerals Ltd., the flagship company of Sarda Group is a diversified Indian multinational, from mining to milk production. With a market cap of ~INR 16,000 Cr, a top line of >INR 5,000 Cr., and 8,000+ employees, Sarda is a name trusted across industries the world over. Sarda Metals & Alloys Ltd., a 100% subsidiary of the group is the largest producer and exporter of high value alloys. Visit us @ [www.sardagroup.in](http://www.sardagroup.in)

**DISCLAIMER:** The technical information provided herein is based on current knowledge and is intended for general guidance only. Sarda Metals makes no warranties, express or implied, regarding the accuracy or suitability of this information for specific applications. Users are responsible for verifying the product's suitability for their intended use and must refer to the latest technical data and safety information. Sarda shall not be held liable for any loss, damage, or injury resulting from improper use, installation, or handling of its products.

## SARDA METALS & ALLOYS LTD.

**VIZAG OFFICE:** D#: 50-96-4/1, 2<sup>nd</sup>/3<sup>rd</sup> Floor, Sri Gowri Nilayam, Seethamdhara NE, Visakhapatnam, AP, 530017, India.

**WORKS:** APIIC, Industrial Park, Kantakapalli, Kothavalasa, Vizianagaram - 535240, AP, India.

**REG. OFFICE:** 125, B-Wing, Mittal Court, Nariman Point, Mumbai 400021, MH, India

### CONTACT US:

[sales@rhinoinsulation.in](mailto:sales@rhinoinsulation.in)  
+91 9964674466

## COMPANY ACCREDITATIONS



CERTIFIED AS A  
GREAT PLACE TO WORK  
IN YEAR 2025-2026