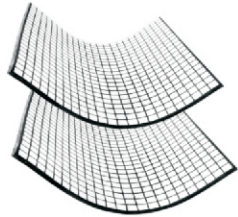


CERALINE®
Abrasion Solutions

Product division at a glance

Ceraline is 100% ceramic exposed lining sheet moulded on to impact resistant rubber. These are specially made for abrasion resistance combined with material's flow promotion. Ceraline finds use in areas where constant sliding contact of fine process material especially in wet condition, causes premature wear and abrasion to the parent material and chocking due to moisture content of the process material. This can be bend or folded to accommodate curved surfaces and vulcanize with mother plate by using special bonding adhesives.



Application Areas

- Conveyor Transfer Chutes,
- Hopper & Bin
- Screen under chutes
- Launder
- Pump Boxes,
- Cyclone under pans etc.

WARDOG® & WARHOG®
Wet Abrasion Solutions

Product division at a glance

WARDOG & WARHOG are wet abrasion resistant sheeting manufactured purely from highest grade of Natural Rubber. These sheets are subject to controlled production parameters from compounding, mixing, calendaring and high pressure moulding process. It is specifically designed to deliver superior properties of resilience, strength, cut & tear resistance of the highest standards.



Application Areas

- Conveyor Transfer Chutes,
- Hopper & Bin
- Screen under chutes
- Launder
- Pump Boxes,
- Cyclone under pans etc.



THOR®
RHINO®
CERALINE®
WARDOG®
WARHOG®



The Assurance of more...

www.thejo-engg.com

Email: thejo@thejo-engg.com

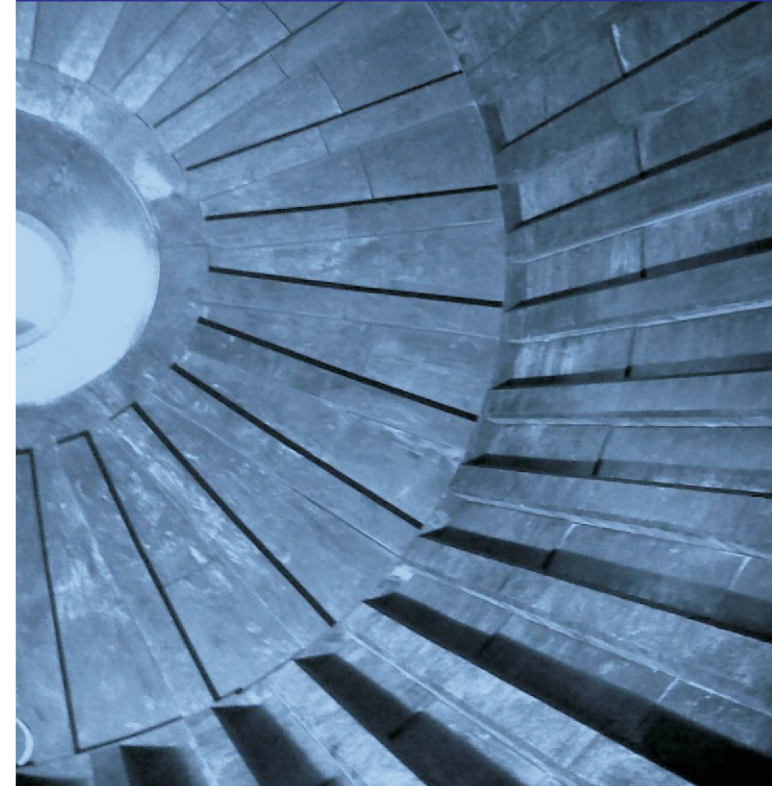


GLOBAL NETWORK

- Australia • Brazil • Chile • India • Saudi Arabia



Abrasion & Wear Solutions



THE ASSURANCE OF MORE

Introduction



THEJO, from the Sanskrit word *'thejus'* meaning divine light, and from the names of the founders, was formed in the year 1974, pioneering the cold vulcanizing process of conveyor belt splicing and in-situ pulley lagging. Since inception, the company has established leadership in the field of conveyor maintenance for the core sector industries.

Thejo has a vast network of marketing and service centres. All centres are manned 24x7 by trained & experienced technical manpower, with warehousing facilities and logistic support.

The organisation has a global presence with subsidiaries in Australia, Brazil, Chile, Saudi Arabia, Germany and USA.

Thejo's clientele comprise of all major organisations from the Steel, Power, Mining, Cement, Fertilizer, Ports, Foundry, OEMS and EPC's.

Manufacturing



With its state of the art manufacturing units and modern R&D facilities, Thejo has established as a specialist manufacturer of Engineered polymer products.

Thejo has two manufacturing units, both located near Chennai (Madras), headed by qualified & experienced Rubber Technologists and equipped with state of the art rubber processing machinery and testing facilities.

Thejo offers distinct varieties of rubber & Polyurethane products to Mineral processing, Chemical, Pharma, Food & Agro industries filtration application.

R&D

Thejo's state of the art R&D facility has constantly developed and upgraded technology suitable for material handling industry. The R&D center is Govt. recognised and approved. It works in collaboration with Scientists and Universities.

Our team is constantly in the search of new technological improvements, ideas and products. We are proud to say that our products are comparable with the best in the world.

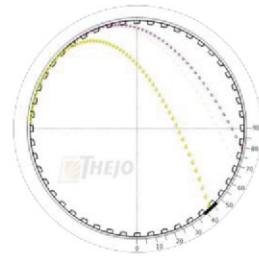


THOR® Mill Lining Systems



Product division at a glance

Rubber is an excellent material for use against high wear and tear areas of mineral processing in mills. Over a decade of field experience and sufficient installations, THOR mill liners are reckoned as one of the best wear parts in the mining and mineral processing industry. We supply liners suitable to SAG Mill, Rod Mill, Ball Mill & Scrubber.



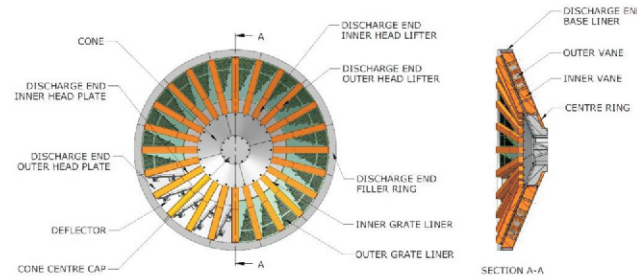
Design Capabilities

THOR liners are designed, manufactured & installed by highly trained and experienced personal. In-house facilities ensure total control over the design and manufacture of the product from computer application design to the rubber compound that is formulated and tested prior to moulding.

Software for simulation and design of liners;
MillTraj | ADEM | AutoCAD | PRO-E | Solid Edge & Solid Works

THOR Mill Lining Spares

The production program cover the entire spares for mill lining such as:



Specialised Services

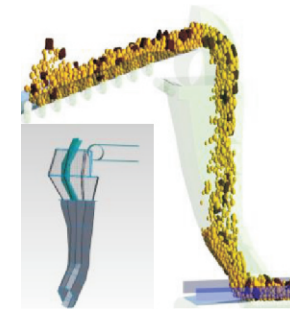
- Installation of Thor Mill liners
- Supervision of liner change overs
- Periodic wear monitoring and generation of reports
- Audit of mill & liners

RHINO® Impact & Wear Systems



Product division at a glance

Rhino series of liners are manufactured from proprietary combination of Rubber, Ceramic, PU & Steel to resist high impact, sliding abrasion and corrosion. It gives longer service life, greater intervals between maintenance calls and less noise pollution. Rhino liners are Ideal for use at Transfer Chutes, Bins, Bunkers, Screen Under Chutes etc. These are available in various thickness and profiles.



Design Capabilities & selection of liner

Chutes are designed and modified in advanced 3D modelling software and then simulated with Advanced Discrete Element Method modelling (ADEM) software with respect to the actual duty conditions. To obtain the most efficient wear life, optimum angle of impact for rubber is 90 degrees and a suitable liner profile can be arrived based the trajectory of the process material.

Design software;
ADEM | AutoCAD | PRO-E | Solid Edge & Solid Works

Wear liners - Rubber

- Rubber liners with reinforced bolt holes
- Rubber Liner with Steel backing
- Rubber liner with Steel backing & steel reinforcement
- Serrated & corrugated liners
- Wear indicator liners



Wear liners - Ceramic

RhinoCer is ceramic exposed liner moulded with impact resistant rubber or PU. Ceramic tiles are of rectangular, square, hexagonal, cylindrical shape and are highly concentrated with alumina. RhinoCer liners are ideal to use against extreme abrasion and wear condition when handled by Iron Ore, Coke, Sinter, coal, Copper, Gold etc. Apart from the standard liner sizes, customised sizes to suit specific applications can also be supplied.