



TWL
THEMBEKA WEAR LININGS



**EFFICIENT ONE STOP ABRASION AND
CORROSION SOLUTIONS THROUGH THE USE OF
EPOXY RESIN SYSTEMS, CERAMIC ABRASION
RESISTANT TILES AND RUBBER LININGS**

www.tlinings.co.za



Who we are and what we do!

What do we do?

TWL specializes in wear and corrosion control through the application of **epoxy ceramic wear resistant coatings, tiles and rubber linings** in the mining, cement, power, steel, grain, paper and sugar industries.

Our aim is to increase the lifespan of our customer's wearable parts and to minimise downtime while maximizing productivity, thus allowing our customers to focus on their core business and minimise constant maintenance procedures. **TWL** offers solutions for some of the toughest wear problems in conveying systems, mills, crushing operations, pipelines and more.

With extensive experience in wear control, **TWL** guarantees the highest quality of workmanship through competent and well trained staff who understands the needs of our clients. **TWL** is constantly working on improving our products and methods to ensure our clients receive the best possible solution with regards to wear control.

With **TWL** specializing in Rubber Linings and Epoxy ceramic products, it allows us to supply our customers with the most cost effective and task specific wear solutions available on the market.

Why use **TWL** wear linings?

- Specialized techniques allow for use of epoxy linings in conjunction with rubber linings
- Increase lifespan of wearable parts
- New improved technology and products
- Equipment repairs done at a fraction of replacement cost saving you money
- Get the most from your equipment
- Customizable application techniques to suite any wear problem
- Preparation and application done on site and in position by qualified and well trained personnel
- Minimal downtime to minimize delays in production.
- Variety of wear combating options available as a onestop solution.



WEAR SERVICES PRODUCTS

MAIN WEAR PROTECTION PRODUCTS BY TWL

- **TWL ABRASION & CHEMICAL RESISTANT EPOXY CERAMIC PASTES AND WEARING COMPOUNDS**
- **TWL ABRASION RESISTANT CERAMIC TILES**
- **TWL ABRASION & CHEMICAL RESISTANT RUBBER LININGS**
- **TWL CHEMICAL AND UV RESISTANT EPOXY AND OTHER PAINTS**



Services

Technical Services

- Site surveys and advisory functions that allows our customers to choose the best possible wear solution.
- Maintenance contract options to ensure maximum production and less downtime due to wear restrictions.
- Full laboratory services available to **TWL** customers.

Factory Services

- Application of full range of wear and impact resistant Epoxy resin and ceramic tile products.
- Application of full range of Rubber lining compounds for wear and impact resistance.
- Stripping and cleaning of outdated and/or inferior wear linings.
- Sandblasting
- Spray painting
- Minor fabrication and repairs on steel structures to be lined

Field Service

- Scheduled on site and in position preparation and application of all types of corrosion and wear linings services supplied by **TWL**.
- Breakdown service 24/7 for those unforeseen situations that lead to loss in production.

**TWL SERVICES RENDERED
THROUGHOUT AFRICA**



TWL
THEMBEKA WEAR LININGS





PRODUCTS

Epoxy resin systems

TWL EPOXY PASTE WEARING COMPOUNDS

Thembeke Wear Linings consists of the following products:

- Durawear R**
- Durawear BL**
- Durawear P**
- Duraback**



PRODUCTS

Epoxy resin systems

TWL EPOXY PASTE WEARING COMPOUNDS

DURAWEARR

Modified epoxy resin systems containing a variety of high abrasion resistant fillers with excellent abrasion resistance for many different applications that includes but are not limited to **pulleys, chutes, launders, cyclones, pipes, pumps, tanks and any other metal or concrete surface that is exposed to high abrasion.**

TWL PASTE is applied to the prepared surface with a trowel or by hand at the required thickness, from 3mm upwards, depending upon the application and client requirement.

Due to the application methods and paste form of the product, this product is ideal for wear control in all hard to reach places and can be applied to areas with awkward shapes where it might sometimes be difficult with tiles or rubber. When used with abrasion resistant tiles you generate a almost indestructible wear barrier.

TWL EPOXY LIQUID PASTE PIPE LINER

DURAWEARP

Modified Epoxy resin system primarily formulated for pipe lining applications.
Mainly for use in pipelines and slurry lines.

TWL PASTE PIPE LINING EPOXY is a liquid Epoxy ceramic specially designed to be applied inside pipelines from a thickness of 6mm upward depending on the application and client requirement. Pipes and pipe bends are done at our factory and not on site since specialized equipment is required. There are certain limits with regards to length and diameter of pipes that can be lined with epoxy pipe liner, we can however line straight pipe sections with diameter from $\geq 100\text{mm}\varnothing$ up to $\leq 1000\text{mm}\varnothing$ with lengths up to a maximum of 9 meters.



PRODUCTS

Epoxy resin systems

TWL CRUSHER BACKING

DURABACK

Epoxy resin system specifically designed for crusher application. Very high compressive strength and the ability to cure in damp conditions makes this product ideal for application in primary and tertiary crushers.

TWL GRIPPING COMPOUNDS

DURAGROUT

A pourable epoxy composite mixture, designed for anchoring structures, machines and bolts. It is a high end quality product with very high pull and compressive strength.



PRODUCTS

Tile Linings and Epoxy Coatings

TWL ABRASION RESISTANT CERAMIC TILES

Abrasion resistant tiles available in various shapes and sizes. Tiles are also used in conjunction with rubber and epoxy pastes for superior strength and longevity. All tiles supplied by TWL are imported either by TWL or by other import companies depending on size and shape.

TWL ANTI-CORROSION LINER COATINGS FOR FLOOR, WALL AND METAL

Various epoxy resin coating products available with superior acid resistance protecting metal and concrete from chemical attack. Epoxy resin coatings available for floors, tanks, impellers, valves and any other surface that is prone to corrosion from acid or moisture.

ALL MSDS AND DATA SHEETS AVAILABLE FOR PRODUCTS SUPPLIED AND OR APPLIED BY TWL



PRODUCTS Rubber linings

TWL RUBBER LININGS

Steam, chemical and pre cured rubber linings applied to steel, concrete, pipes, screens, pipe fittings and vessels etc. All grades and specifications of rubber compounds available to suite any application or client requirement.

TWL only uses top quality proven materials and guarantee our customers that no cheap inferior products will be supplied as is often the case in the rubber lining industry.

Certification and data sheets available for all products used by **TWL**



PRODUCTS

Spray painting

TWL SPRAY PAINTING

WL offers spray painting of the highest standard. For various applications ranging from UV to chemical protection TWL will have the spray paint solution you require on your steel structures, tanks, vessels and more!

TWL only uses top quality proven materials and guarantee our customers that no cheap inferior products will be supplied as is often the case in the industry.

Certification and data sheets available for all products used by **TWL**





**QUALITY AND
WORKMANSHIP**

QUALITY AND WORKMANSHIP

TWL guarantee our clients the best possible service and workmanship. We take pride in our workmanship and are only able to maintain our high levels of service and quality due to constant training of personnel and our strict QC procedures.

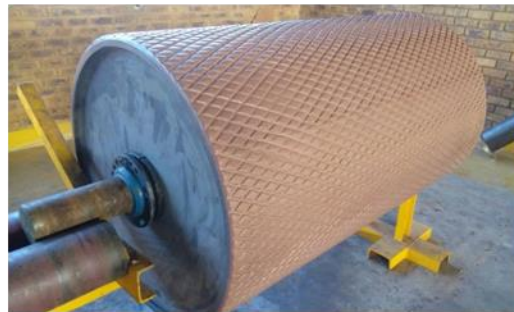
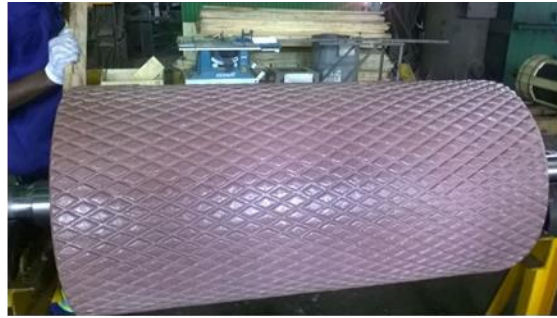
In a competitive industry, we can only rely on great quality and service to ensure our clients always come back for more!

All applications procedures are done according to SANS 1201 & ISO9001 standards. Enviromental according to ISO14001 and safety according to ISO45001

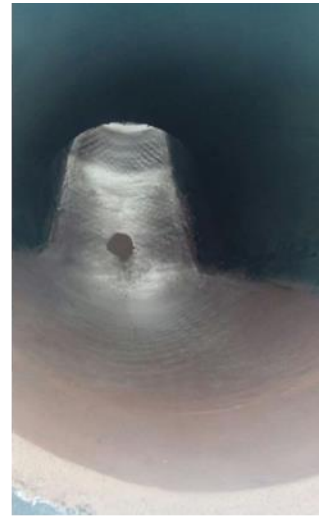
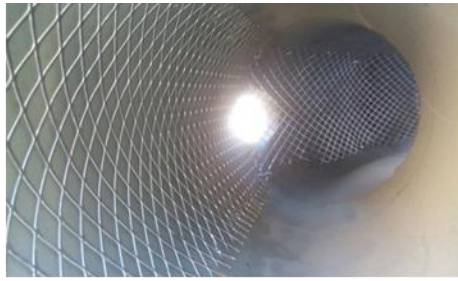


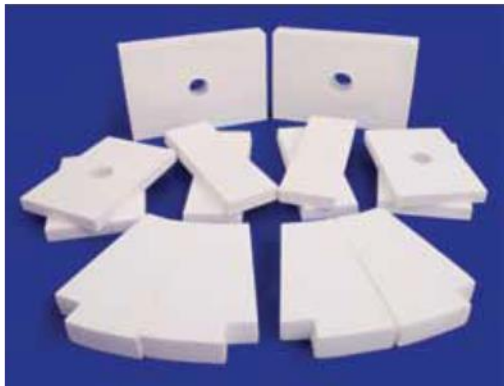
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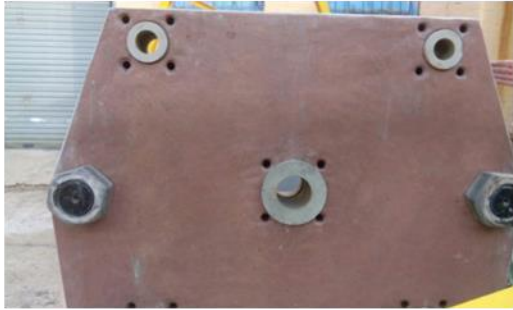


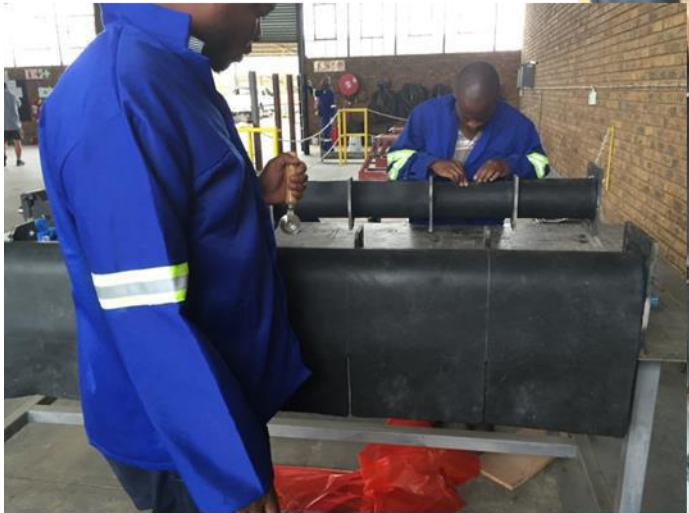
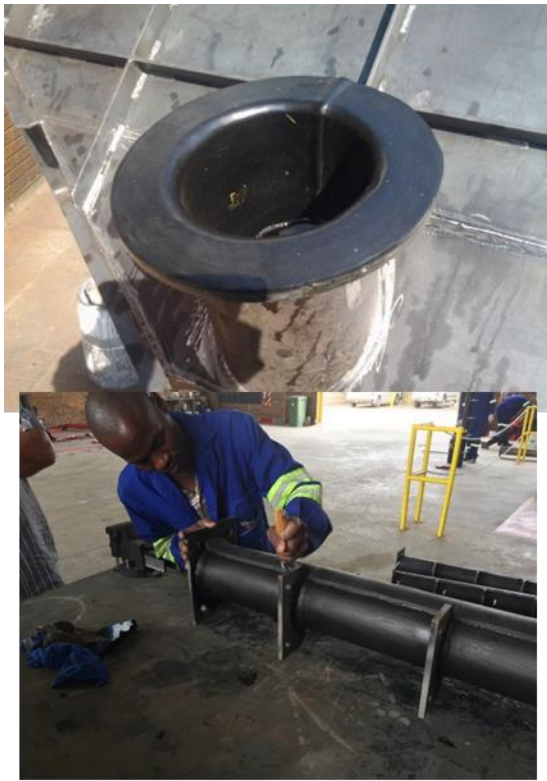




For Your Abrasion & Corrosion Control Needs
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TWL
TRENCH WEAR LININGS























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