

IMATECH

Innovative Solutions

Highest Productivity – Lowest Maintenance!

Ultra high performance wear liners for today's high productivity operations.



CorroCube™

CorroTile™

Imatech Bulk Materials Handling

Imatech Bulk Material Handling is a leader in providing engineered ultra-high performance wear surfaces to mining and mineral processing operations and projects. With Corporate head office in Sydney NSW and operations across Australia and beyond, Imatech has a proud history, respect and reputation for providing the most up to date and innovative solutions your business requires.

More than just a product!

By only understanding all of the service issues do we offer a holistic solution that accommodates the service requirements in the most economical fashion.

Overview

Imatech Bulk Material Handling is focused on delivering solutions that meet the needs of todays high throughput operations.

Increasing production throughput, higher plant availability and pressure on resources to maintain plant and equipment mean that simply purchasing the 'cheapest' wear liner is not a solution.

IBMH deliver a complete wear surface solution specifically to suit the unique requirements of your operation. The extraordinary results we can achieve for our customers stem from the unique technology incorporated into **CorroCube™** and **CorroTile™**

- Specially formulated ceramic for high impact applications
- High tensile rubber compounds
- Extremely high bend strength between ceramic and rubber (bond strength exceeds the tensile strength of the rubber)
- Engineered ceramic shapes
- Structural reinforcements with integrated AR Bar
- Wea surface management service to optimize the management and performance of the wear liners

"For today's high throughput operating."

Wear Surface Management

Optimal performance of any wear surface is dependent on good management of that wear surface just as much as the material selection.

WSM is a team of experienced site based technicians backed up by a specialized IT platform and Project Management Group.

WSM provides the service to:

- Ensure correct liner installations
- Optimize liner maintenance
- Provide comprehensive reporting on liner conditions, maintenance and improvements
- Provide advice on improving liner design, and procedural improvements
- Conduct and manage wear material trial
- Provide innovative solutions for condition monitoring

Quality Assurance

Imatech Bulk Materials Handling is committed to continuous improvement in all functions of the business.

Imatech operates under a management system certified to AS/NZS/ISO 90012000 Quality Assurance.



Capabilities Statement

With an incorporated global network across, Asia pacific, north and south America, IBMH delivers Innovative technology and maintainable mining solutions to increase plant reliability and reduce overall production costs.

We can respond to all your requirements regardless of location, scope or challenge.

Our solutions and custom engineered products are known for their innovative design, superiority, quality and performance which set us apart from our competitors.

With over 15 years of extensive experience, determination & passion, we are committed to continue servicing the mining, construction and process industry in ultra high performance wear liners for aggressive and abrasive material handling.



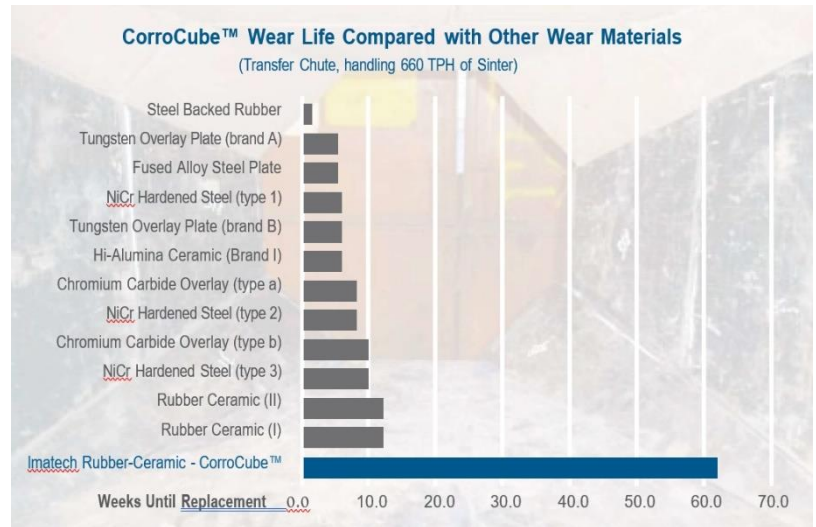


Case Study: A

Application: Transfer Chute

Material: Abrasive Sinter

- Mean Size: 18mm
- Max Size: 60mm
- Drop Height: 3 meters
- Impact Angle: 45 degrees



Problem:

With planned major maintenance shutdowns schedules every 18 weeks, it is imperative that the wear liners must comfortably last this duration.

Solution:

CorroCube™ design lasted 62 weeks, 10 times longer than Nihard.

Note: New design of CorroCube™ has now extended the wear life beyond 100 weeks!

Case Study: B

Application: Apron Feeder Discharge Chute

Material: Iron Ore Lump (38mm). 10,000 TPH

Problem:

A range of metallic wear liners were tried with a maximum wear life of 4.2 million tonnes. Various ceramic wear liners were trailed, but would not withstand the impact, resulting in unpredictable failures.



Solution:

CorroCube™ wear liner package was designed to meet the specific requirements of the application. The **CorroCube™** wear surface exceeds 18 million tonnes before maintenance is required





IMATECH

INNOVATIVE SOLUTIONS

Wear Liner Systems



350mm minus material slams into the CorroCube™ bang board in excess of 4.9 meters per second. **CorroCube™** replaced $\frac{3}{4}$ 500 Brinell steel liners and increased the wear life by 28 times!



Optional hardened reinforcing edge bar welded to backing plate.



IMATECH

E info@imatech.com.au
W imatech.com.au
P 1 800 352 228, +61 2 8853 3000





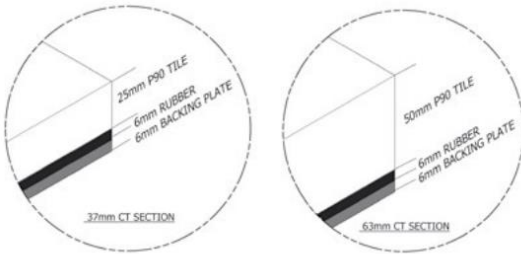
IMATECH

INNOVATIVE SOLUTIONS

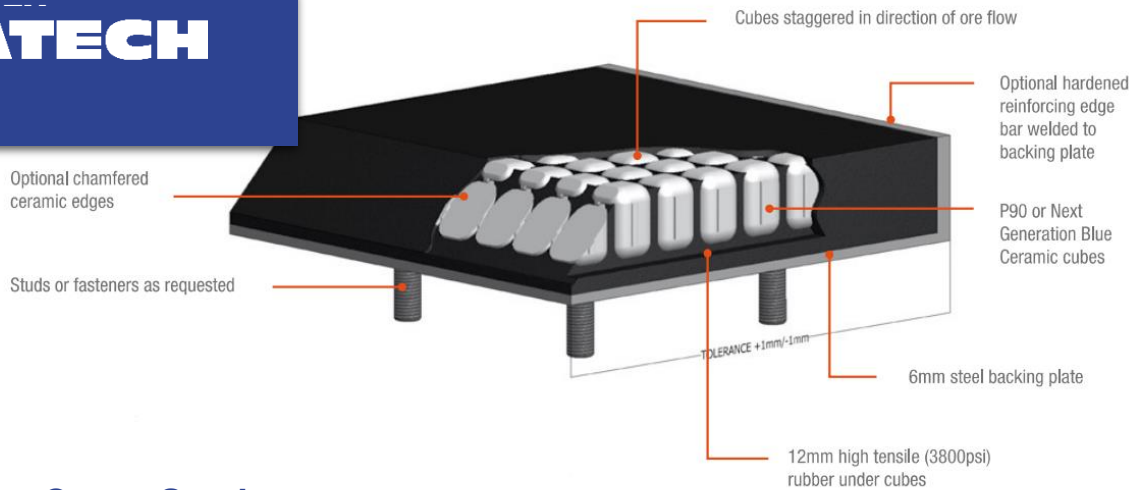
CorroCube™ IMATECH



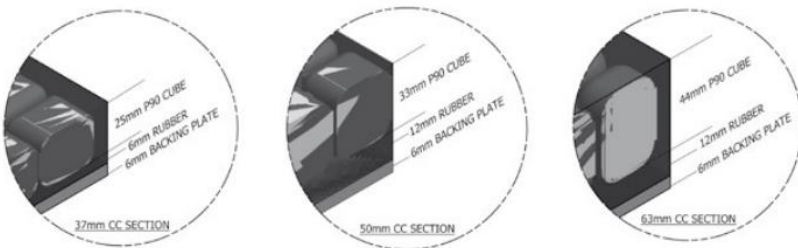
Typical Liner Cross Sections



IMATECH



Typical Liner Cross Sections



IMATECH

E info@imatech.com.au
W imatech.com.au
P 1 800 352 228, +61 2 8853 3000





IMATECH

INNOVATIVE SOLUTIONS

The difference that CorroCube™ and CorroTile™ can make is best illustrated by a recent installation where CorroTile™ Blue replaced Hard Face Overlay in a HPGR Feed Chute and extended the wear life from 4-6 months to an indicated 10+ years, prompting the Maintenance Supervisor to write to his colleagues on site:

"...looks like most of us should be retired by the time we need to change them out..."

For further information on how Imatech Bulk Materials Handling can help you with your next project, please contact our head office or visit imatech.com.au

Let us help you find out how our products can improve your operations and save you time and money.

CONTACT

Australia Toll Free 1800 352 228
International +61 2 8853 3000

info@imatech.com.au
imatech.com.au



IMATECH

E info@imatech.com.au
W imatech.com.au
P 1 800 352 228, +61 2 8853 3000

