

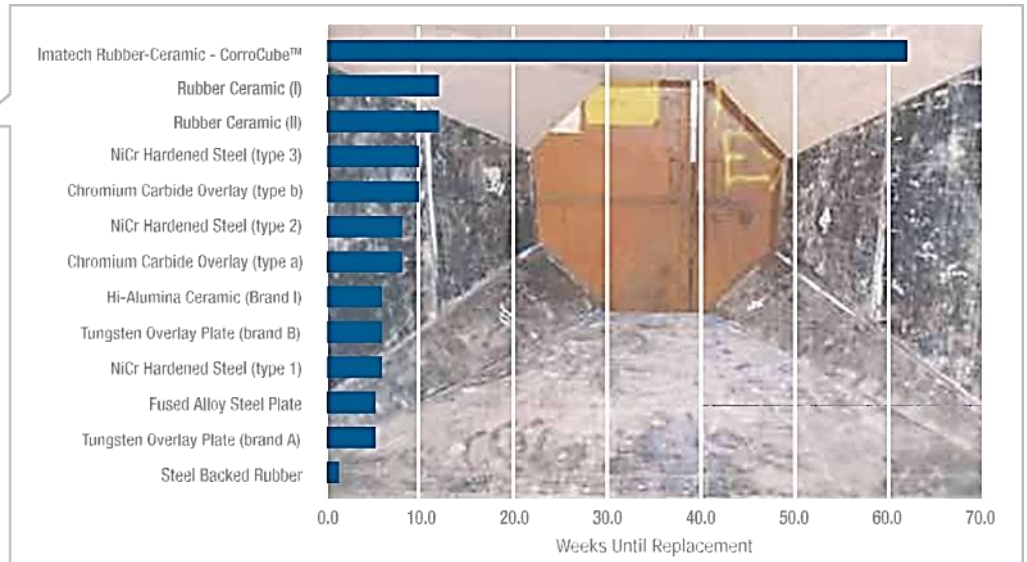
Ultra-Resistant Wear Liners

Imatech's CorroCube™ and CorroTile™ liner solutions are custom-engineered and tailor-made to provide the optimal performance in abrasive bulk material handling applications.

CASE HISTORY: Wear Liner Performance

Steel Works
NSW, Australia

Application: Transfer Chute
Material: Abrasive Sinter
Mean Size 18mm
Max Size 60mm
Drop Height: 3 metres
Impact angle: 45 degrees



How do we achieve these results?

1. WORK WITH THE CLIENT
2. SURVEY AND UNDERSTAND EACH APPLICATION
 - Material & Flow Characteristics
 - Equipment Configuration
 - Wear Performance History
 - Client Requirements
3. SELECT MOST SUITABLE MATERIALS
 - Unique Rubber Types of ~ 4,000 psi Tensile Strength
 - Exclusive Ceramic Materials
 - Appropriate packing Plate Arrangement
 - Optional Abrasion-Resistant Grid & Perimeter Bars
4. ENGINEER THE OPTIMAL LINER DESIGN
 - Integrate Global Know-How and Experience
 - Panel Geometry
 - Optimised Liner Planning
 - Mounting Arrangement
5. MANUFACTURE TO ACHIEVE MAXIMUM LINER INTEGRITY
 - Proprietary Production Process
 - Exceptional Bonding Strength All Components
 - Quality Control of Each Liner Batch
 - Ongoing Innovation
6. ON-GOING MONITORING & CONTINUOUS IMPROVEMENT

EXAMPLES





IMATECH

INNOVATIVE SOLUTIONS

Exclusive Materials and Fabrication Technology

The main components in a typical cross section:

BOND STRENGTH

Proprietary know-how creates a bonding of the liner components which exceeds the tensile strength of the rubber.

CERAMIC

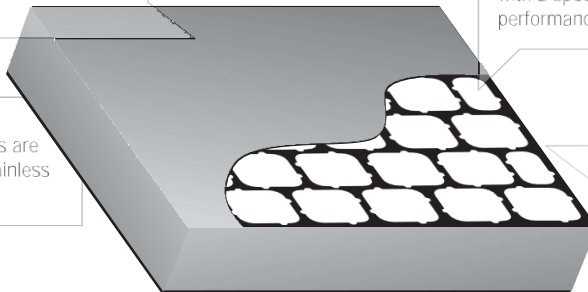
Advanced ingredients and a sophisticated firing process deliver an exclusive ceramic material, with a special geometry developed for optimum performance in wear liner applications.

REINFORCEMENTS

Backing plate and optional grid and perimeter bars are available in many materials such as mild steel, stainless steel, rubber encapsulated or even fiberglass.

RUBBER

Top-quality rubber with unique elongation, impact resistance characteristics and considerable tensile strength of up to 4,000psi.



Custom Shapes

Engineered for best fit and optimum performance.



Chamfered Edges



Convex & Concave



Square Panels



Curved Shapes

Custom Mounting Arrangements

Designed and manufactured to suit.



Studs



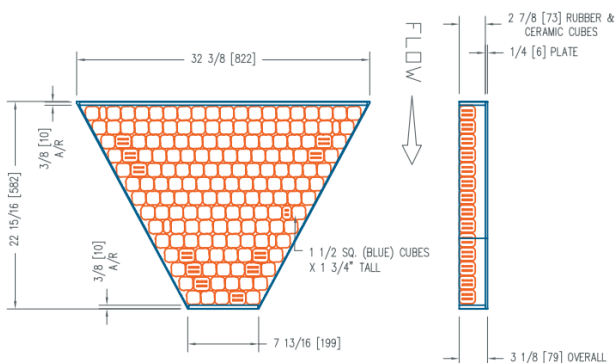
Weld-On

Clamping Systems

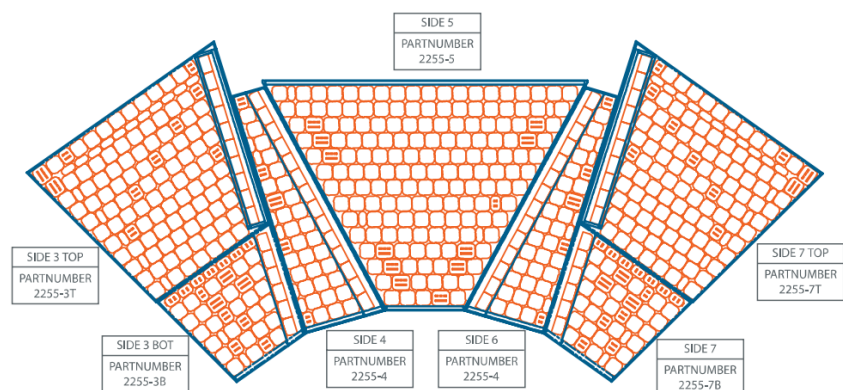
Designed for Best Performance

All requirements are integrated into the ultimate ultra-resistant wear liner solution.

LINER DESIGN



LINER CONFIGURATION



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