



APPLICATIONS

- ▶ Pipes
- ▶ Chutes
- ▶ Elbows
- ▶ Cyclones
- ▶ Transitions
- ▶ Fans
- ▶ Process equipment



ADVANCED CERAMICS TECHNOLOGY

CERAMIC SOLUTIONS THAT MAKE A DIFFERENCE



WEAR PREVENTION 3D TECHNOLOGY

CUMITUFF Advanced Technical Ceramics have proven to be a reliable cost effective solution for wear prevention in bulk material transfer for the last 20 years in the Australasian market.

CUMI manufactures complete fabricated components lined with **pre-engineered high purity alumina ceramic linings** to suit almost any application. Our ceramic lining is pre-engineered, designed with 3D modeling to a tight interlocking fit ensuring full contact through the full thickness of the liner with no diverging gaps.

This is critical for a long life, maintenance free ceramic lining which is far superior to those achieved with standard off-the-shelf tiles.

SAFETY & SAVINGS

The benefits of CUMITUFF Advanced Technical Ceramics are increased production rates, less downtime, improved safety and the **substantial cost savings at the end user** which are essential in today's business environment.

PRE-ENGINEERED
Interlocking
CUMITUFF
Lining

**FABRICATED
STEEL CASING**
in MS or SS,
externally
coated to clients
specification





UNMATCHED PERFORMANCE

THE CUMI ADVANTAGE

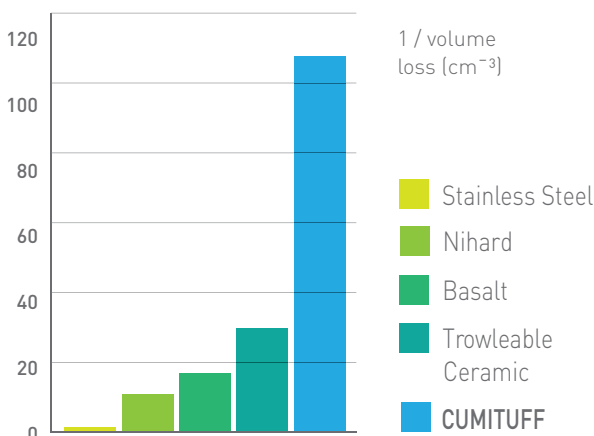
We will work with you to ensure that you get the **right solution for your wear problem**. Whether you are starting up a new plant or refurbishing an old one, we can develop solutions to meet your needs.

- Quality** Manufacturer with well-established and certified international processes
- Precision** Consistency in manufacturing and quality assurance
- Solutions** Experienced and technically sound providing engineering, design and customer support team
- Consistency** Ensuring your needs are met, first time, every time
- Reputation** High quality products & solutions at affordable prices

CUMI's advanced technical ceramics are formulated to **provide maximum protection** against abrasive wear and will outlast traditional liners such as basalt, rubber, Nihard and ceramic compounds many times over.

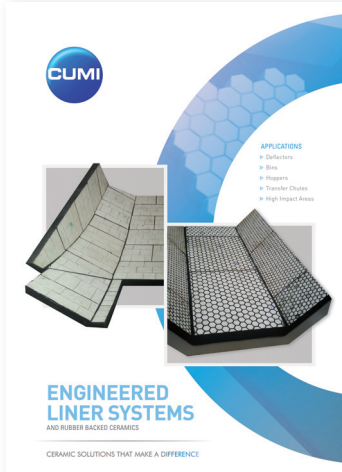
- 1 Not all alumina **wear resistant ceramics** are formulated similar
- 2 Careful consideration must be given to the **design aspects** of the lining
- 3 **Quality of raw materials** and process control in manufacturing has a major impact on the wear performance
- 4 **Technical expertise** and application engineering capabilities of the manufacturer offers significant value to end users
- 5 Abrasion resistance **independently tested** by the CSIRO

Relative Wear Rates of Lining Materials:



SAMPLE CSIRO TEST REPORT
Determination of abrasion resistance

CUMITUFF WEAR LIMITING PRODUCTS



CUMI

APPLICATIONS

- Collectors
- Bins
- Hoppers
- Transfer Chutes
- High Impact Areas

ENGINEERED LINER SYSTEMS
AND RUBBER BACKED CERAMICS

CERAMIC SOLUTIONS THAT MAKE A DIFFERENCE



CUMI

PRODUCTS

- Pipe Strip
- Mug Patch
- Wulfsberg
- Ceramic Mix Hose
- Hot Mats

RAPID REPAIR SOLUTIONS

CERAMIC SOLUTIONS THAT MAKE A DIFFERENCE



CUMI

SERVICES

- Pipe Scan and CCTV
- CAD 3D Modelling
- Wear Inspection and reporting
- On and off site maintenance
- On site consultation

INTEGRATED SERVICES

CERAMIC SOLUTIONS THAT MAKE A DIFFERENCE



CUMI

APPLICATIONS

- Cyclone components
- Spigots
- Flaps
- Elbows
- Thermal applications
- Concrete applications

CUMI-XTREME®

CERAMIC SOLUTIONS THAT MAKE A DIFFERENCE



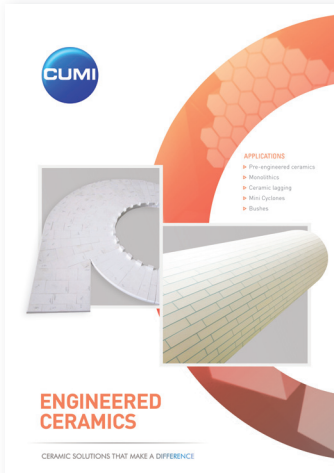
CUMI

APPLICATIONS

- Solings Pipes
- Backfill Pipes
- Storm Pipes
- Ash disposal
- Coal handling

COMPOSITE CAST PIPES

CERAMIC SOLUTIONS THAT MAKE A DIFFERENCE



CUMI

APPLICATIONS

- Fire engineered ceramics
- Abrasives
- Ceramic lagging
- Mini-Cyclones
- Dishes

ENGINEERED CERAMICS

CERAMIC SOLUTIONS THAT MAKE A DIFFERENCE

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