



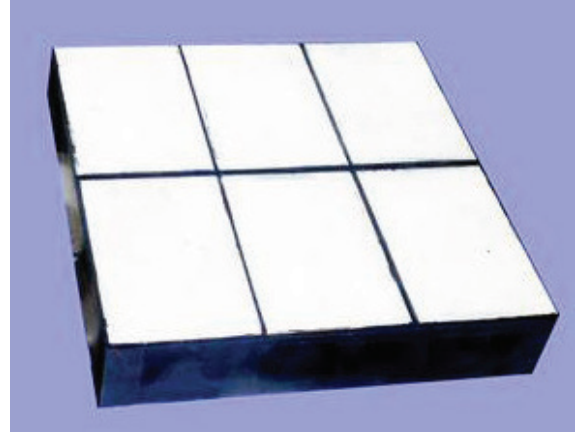
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INNOVATIVE SOLUTIONS MAXIMISED OPPORTUNITIES

Ceramics are some of the hardest materials on the planet. Importantly, ceramics have less density than steel making them significantly lighter. These properties coupled with other operational benefits make ceramic the ideal material for use in many high wear environments.



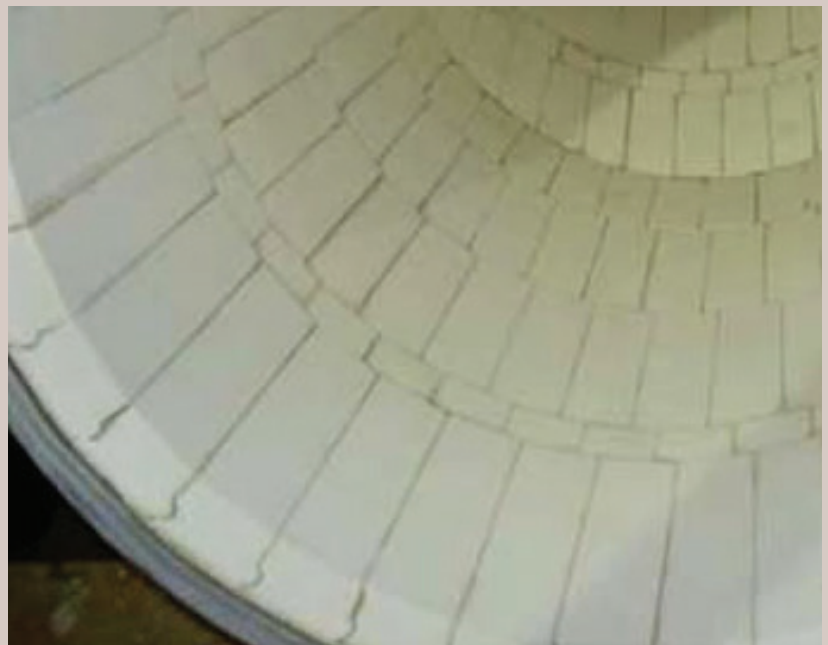
In conjunction with our strategic ceramic partners Alloy Steel international (ASI) has developed a proprietary range of ceramic wear liner materials. ASI supplies a full suite of ceramic materials and shapes which enables us to meet the requirements of our customers in providing products that will maximise wear protection.

To provide continuity of supply ASI holds an extensive range of ceramic liners in stock. Together with our in-house state of the art ceramic cutting facilities this ensures that all our clients needs are met without delay.

All the Arcoceramics materials can be supplied as rubber and steel backed or has direct bond ceramic allowing for quick and easy installation.

Some typical applications where the Arcoceramics are currently being utilised are:

- Chutes
- Cyclones
- Conveyors
- Feeders
- Screens
- Piping
- Skirt Liners



ARCOTUFF 92

Arcotuff 92 is our general-purpose ceramic comprising of 92% Alumina, and is suitable for high abrasion and medium impact applications such as transfer chutes. **Arcotuff 92** can be supplied as rubber and steel backed liners allowing for easy installation and removal or has direct bond for areas where space is an issue, but utmost wear material is required to ensure complete protection without restricting through put.



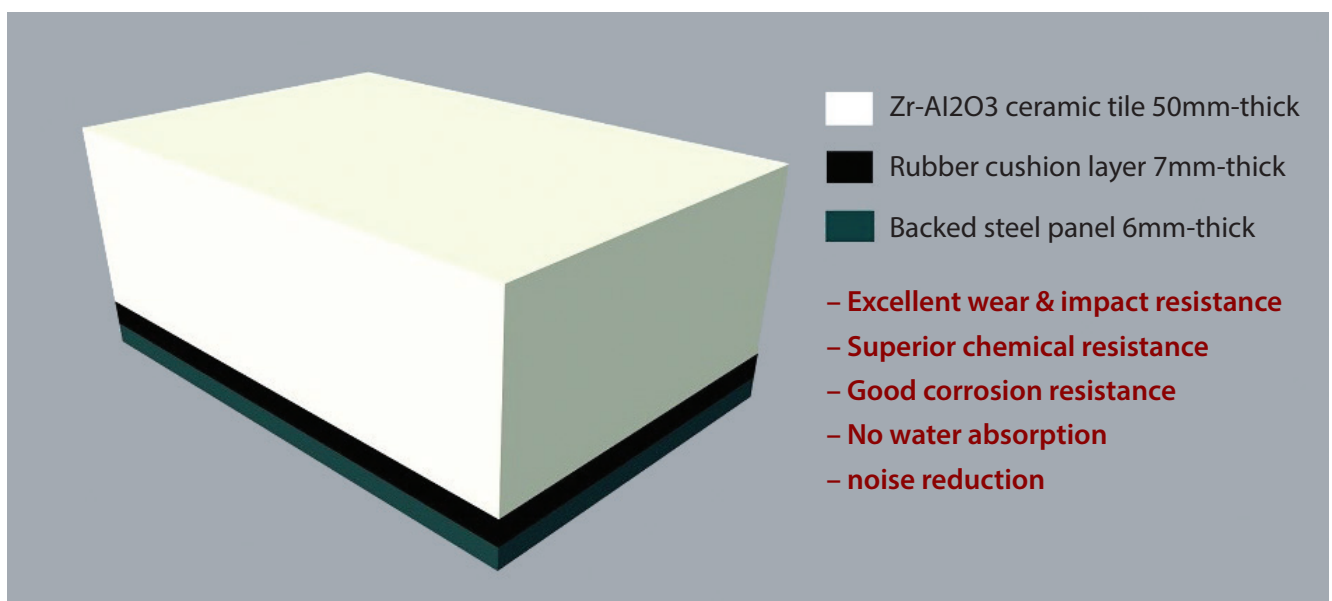
ARCOTUFF 95

Arcotuff 95 is a 95% Alumina ceramic and is the next step up in abrasion wear protection when compared to **Arcotuff 92**. Ideally suited to very high abrasion and medium impact due to having a higher hardness when compared to a 92% ceramic product. **Arcotuff 95** is supplied has a rubber and steel bonded wear liners. **Arcotuff** can also be supplied direct bond on request.



ARCOTUFF ZTA

When you need to take radical action to help protect against high impact and extreme abrasion you need **Arcotuff ZTA** ceramic a combination of Alumina and Zirconium blended to offer up to 3 times the life of 92% ceramic material. The **Arcotuff ZTA** is perfectly suited in deflectors and impact plates.



TECHNICAL SPECIFICATIONS

ARMATUFF	92	95	ZTA
Density	3.4	3.6	4.2
Porosity	>0.1	>0.1	>0.1
Hardness	>62HRC	>85HRC	>85HRC
ATSM G65 Relative wear factor	9-11	9-11	11-14
Rubber	Natural	Natural	Natural
Hardness	60+/-5 shore A	60+/-5 shore A	60+/-5 shore A
Elongation	400%	400%	400%
Resilience	65%	65%	65%

DIMENSIONS

LENGTH(MM)	WIDTH(MM)	THICKNESSES
300	150	Available in • 100mm • 65mm 50mm • 25mm • 15mm plus 7mm rubber and 6mm mid steel
300	300	
200	300	
400	300	
450	300	
450	300	
600	450	

Other shapes and dimensions available on request

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