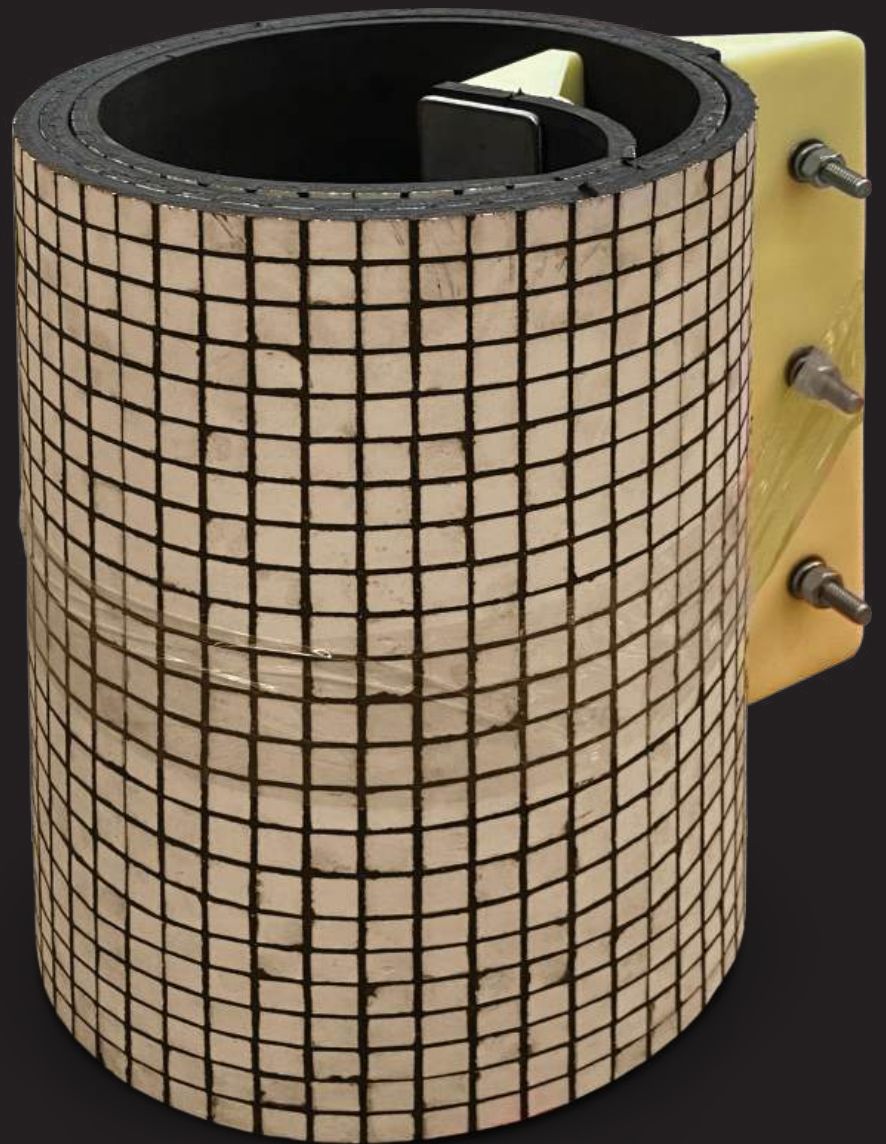


# SCREEN BEAM CERAMIC WEAR LINERS

Implemented on several mine sites, these high-impact resistant ceramic sleeves with reinforced rubber fabric or ceramic-rubber set a new standard of screen-beam relining, lasting 6-8 times longer than standard/traditional rubber-lining systems.



**Engineered to Perform**

# Background

Vibrating screens consist of a series of parallel beams that support screen panels that have dimensioned openings to control the size of the material that passes through the screen. As the material that passes through the screen panels impacts the screen beams they require protection from wear and abrasion.

Screens require regular refurbishment that involves the removal of the beam from the screen for either hot vulcanised rubber lining or cold bonded rubber lining. This process is both time consuming and expensive.





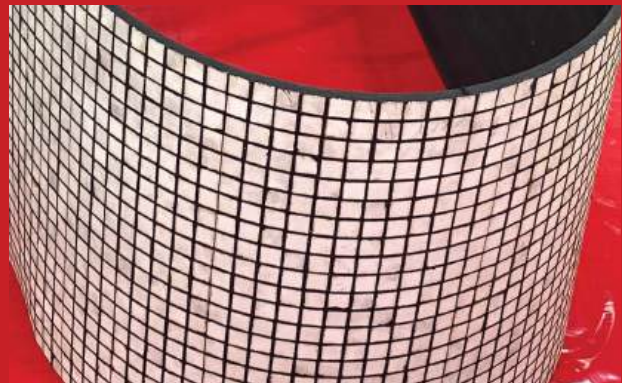
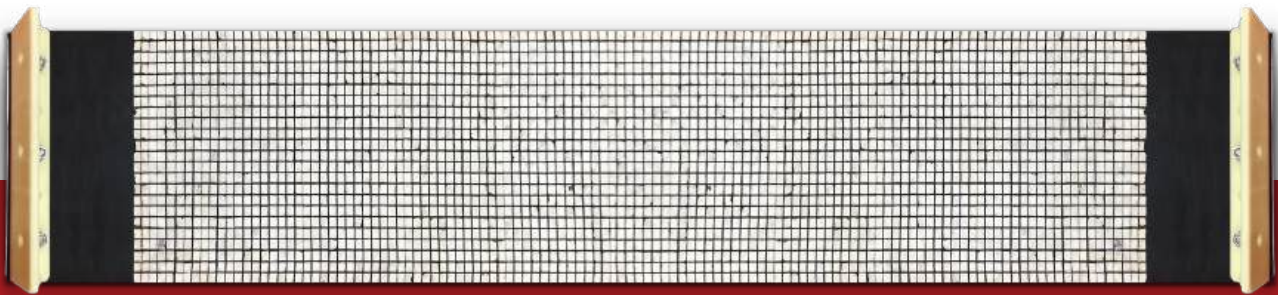
Vibrating screen being refurbished with screen beams ready for rubber lining



Screen beams that have been cold bond rubber lined

# Ceramic Screen Beam Protectors

A design for a removable ceramic beam protector that can be removed and replaced without the need to remove the screen beams from the screen has been developed.



# Features & Benefits

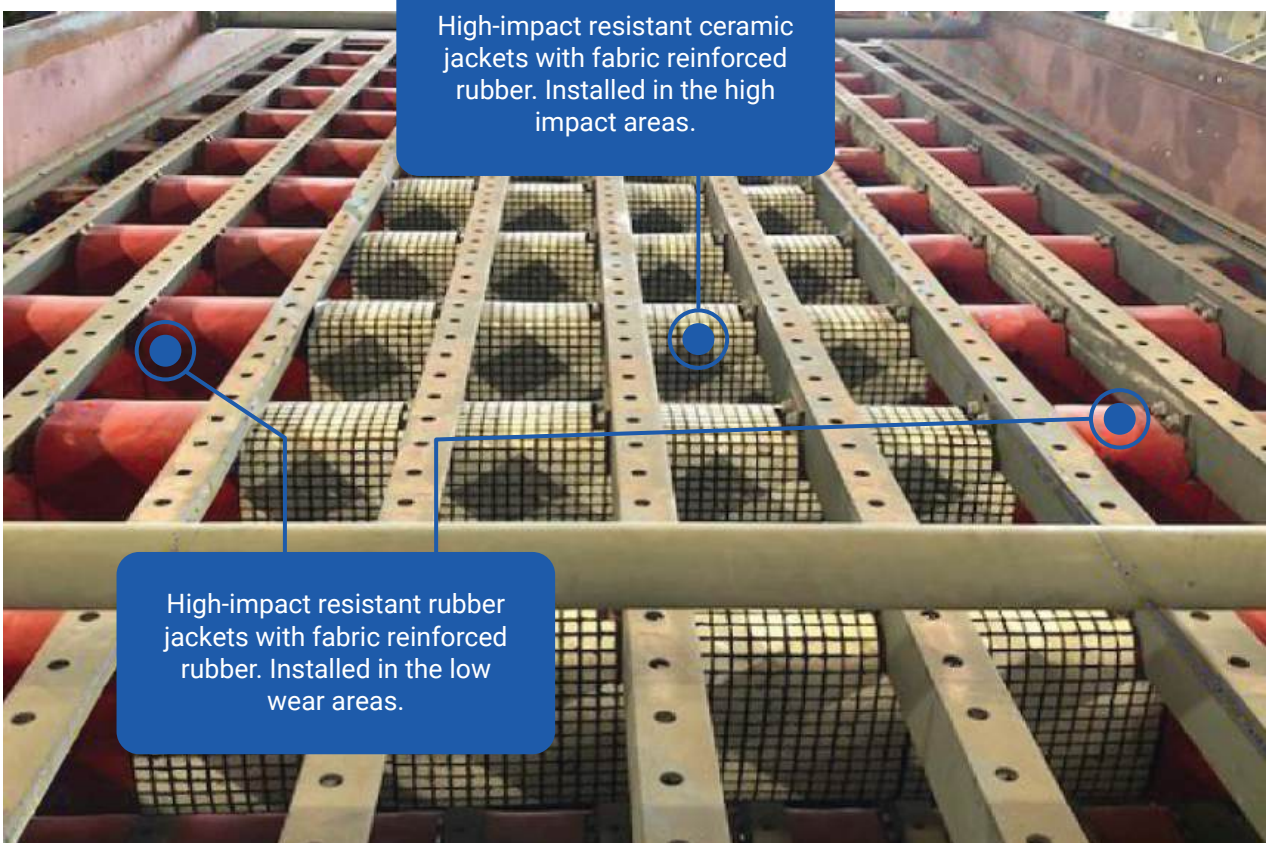
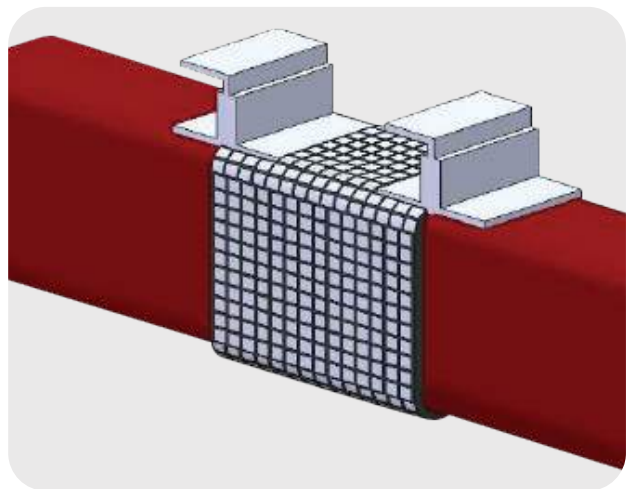
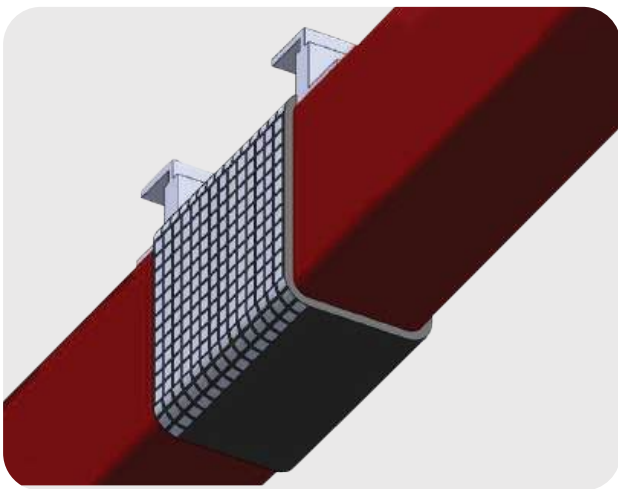
- Ⓢ Increase in service life
- Ⓢ Highly cost effective – lower cost to replace covers than to rubber line beams
- Ⓢ Ceramic screen beam protectors can be replaced with the screen installed at site – no need to disassemble the screen beams from the screen
- Ⓢ Protect high wear areas on screen beams
- Ⓢ Only need to replace worn covers
- Ⓢ Covers can be customised to suit high and low wear areas
- Ⓢ Quicker turn around
- Ⓢ Less labour required for replacement – single person operation
- Ⓢ Lower cost for replacement
- Ⓢ Ceramic protectors will last much longer than rubber lining of any kind



# Ceramic Sleeve Screen Cross Beam

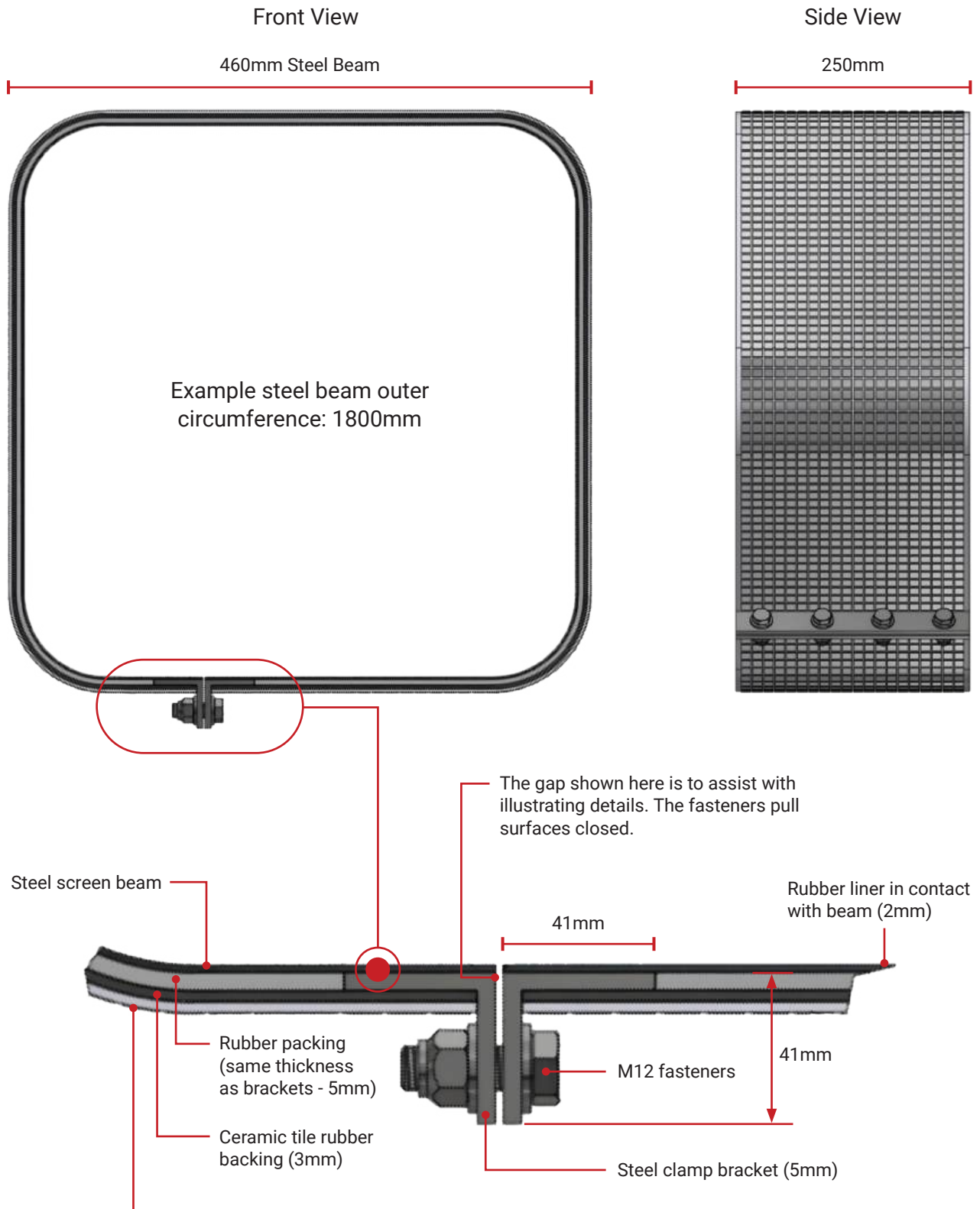
Implemented on several mine sites, these high-impact resistant ceramic sleeves with reinforced rubber fabric or ceramic rubber set a new standard of screen-beam relining, lasting 6-8 times longer than standard/traditional rubber-lining systems.

Ceramic sleeve system implementation/execution (400<sup>2</sup> SHS/305 PANELS)





# Specifications


Ceramic wrap sizes length and width are examples only. Sizes need to be adjusted to suit each cross beam section.






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