



Rubber Wear Panels

Mining and Mineral Processing
Rubber Wear Panels
www.trelleborg.com/fluidhandling

RUBBER WEAR PANELS

Trelleborg Rubber Wear Panels are available in various high quality rubber compounds. Thicknesses vary from 25mm to 150mm.

Trelleborg Rubber Wear Panels are hot vulcanised onto steel backing plates to ensure there is no delaminating. The liners can be supplied flat or curved to suit mill trunnions, trommels, launders and other curved surfaces.

Trelleborg Rubber Wear Panels can be supplied with a profiled working face. Profile panels are typically used around the impact point in transfer chutes to ensure the impact angle is 90 degrees for optimum wear performance. Trelleborg Rubber Wear Panels can be shaped and supplied as per customer requirements.

Trelleborg Rubber Wear Panels can be designed and shaped to suit chutes, deflectors, screen impact feed boxes, mill feed carts and any other high impact abrasive application.

FASTENING METHODS



Studded

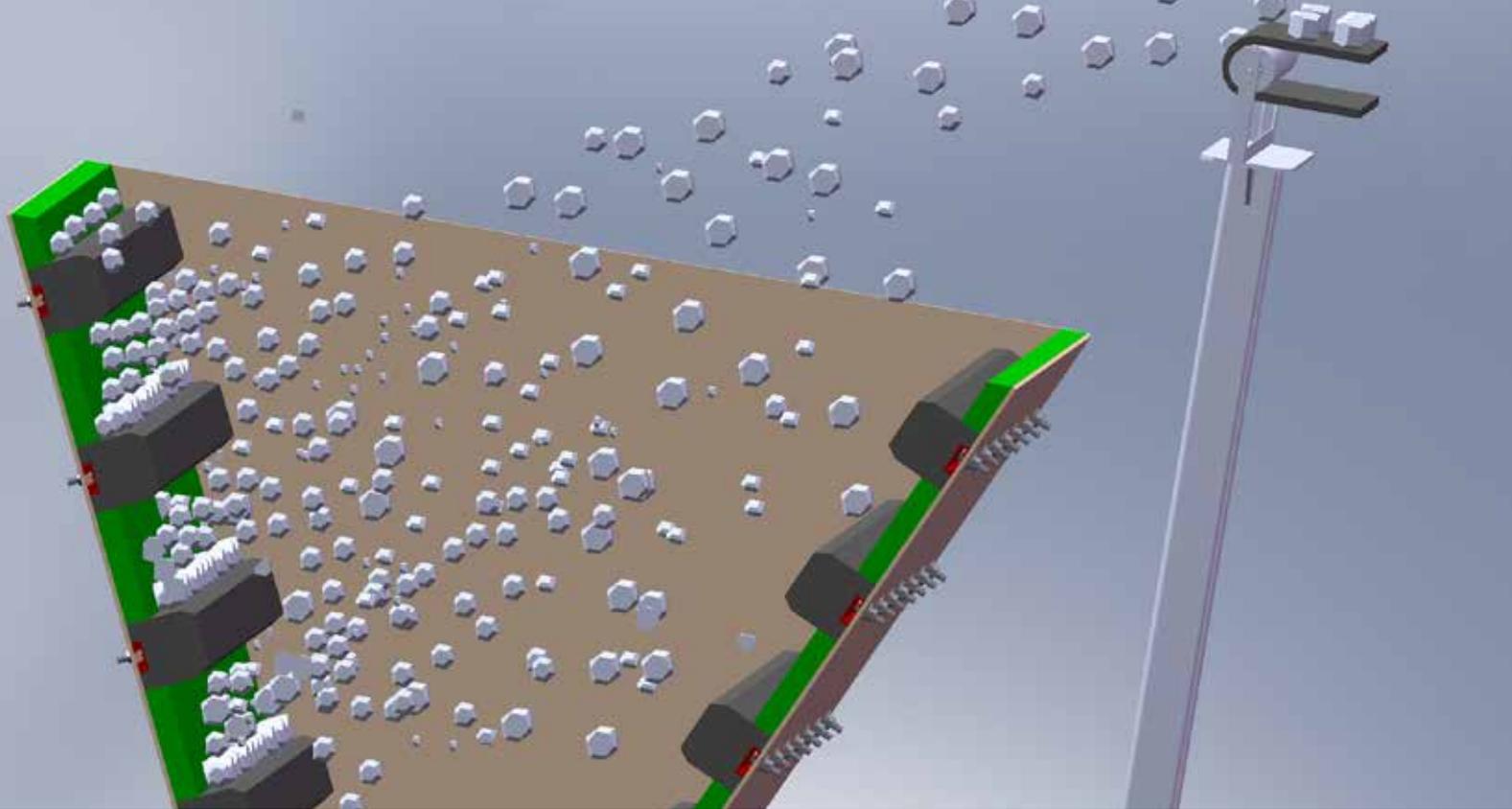


Counter bore



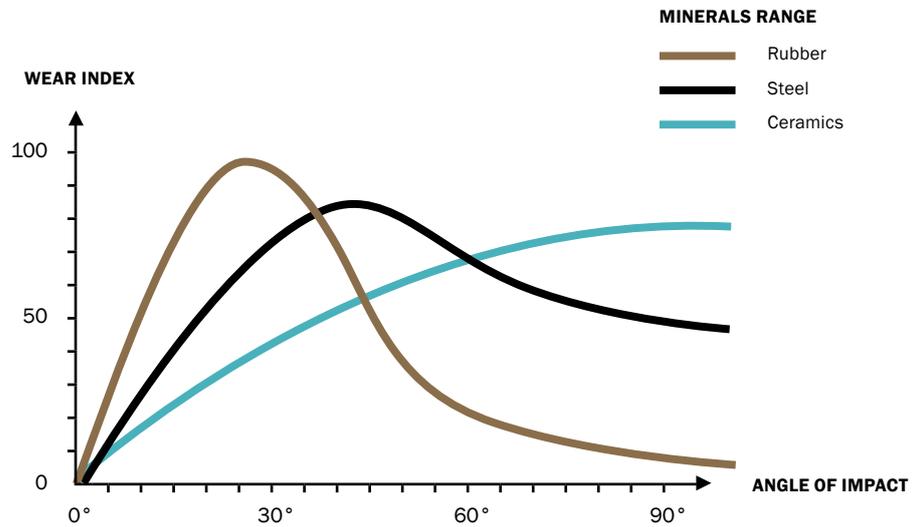
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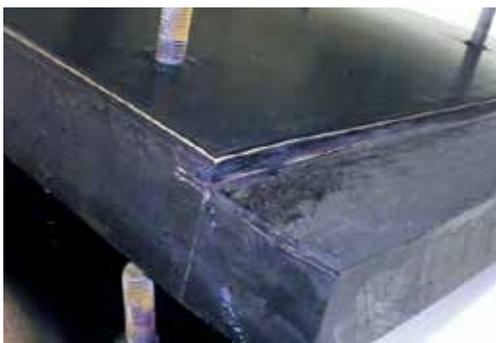
When selecting the appropriate wear material for use in chutes or deflectors, there are many factors that should be considered including velocity, abrasion index of the ore, particle shape bulk density, angle of impact, etc. As the graph below indicates, rubber is best suited to impact angles between 60° and 90°. When the natural angle of particle trajectory is less than 60° Trelleborg recommends the use of our profiled rubber liner so that the impact angle will be greater than 60°.

In chutes where building up or bogging is not a concern, installation of Trelleborg Wear Bars to create a series of micro ledges/rock boxes will deliver additional life to the chute liner as the ore held up on the wear bars will protect the parent liners from impact.



ANGLE OF IMPACT

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Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way.

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