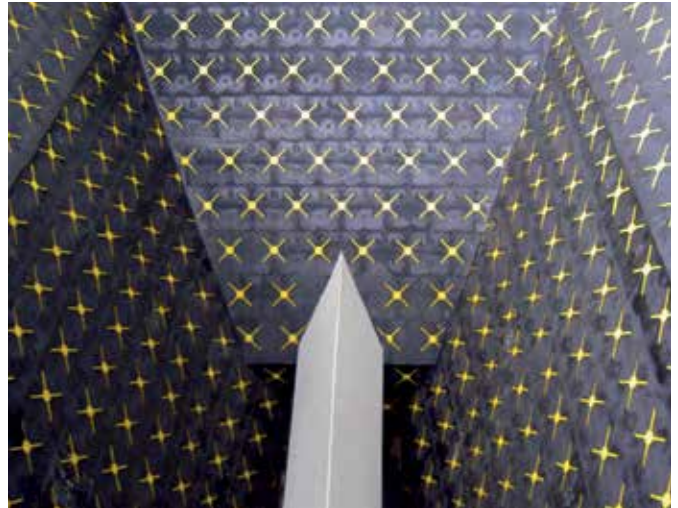




SQ modules of polyurethane at a transfer point.



Hopper/bin at one quarry.

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Screening and Conveyor Solutions Trellex SQ300 Modular System



EN

Fully
recyclable
modular system
for wear
protection



Fully recyclable modular system for wear protection

At last, the mining and construction industry has access to a modern, environmentally friendly wear protection system which reduces impacts and improves health & safety in a variety of important ways - all without increasing costs or sacrificing operational efficiency. Suitable for use in mining chutes, transfer points and other areas subject to wear, Trellex® SQ 300 provides excellent protection in many applications, keeping material flow up and maintenance time down!



Planet friendly

Trellex SQ 300 is a completely recyclable modular system for wear protection. What makes the difference? Quite simply, it is designed without fabric or steel reinforcements - something few other wear protection products on today's market can claim.

As the pressure to reduce impacts increases, this important environmental aspect gives you a competitive advantage which resonates along the whole value chain.

People friendly

Today's increasing emphasis on the health and safety of workers is a positive development which we all willingly embrace. But with so many criteria to weigh up, how can you be sure to choose the right working methods and tools? This is one decision you don't need to lose sleep over. Choosing Trellex SQ modular system actually delivers advantages all round. It keeps your costs in check at the same time as contributing significantly to a better working environment. Here's how:

Reduced noise protects workers

Hearing damage is one of the biggest problems experienced by workers in the mining and construction industry. Trellex SQ 300 generates 40-75 % less noise than traditional steel lining and therefore reduces this problem.

Modular system means lighter work

Being a modular system, Trellex SQ 300 reduces the risk of injuries associated with carrying heavy loads. When a worn plate needs changing, instead of replacing the whole lining, workers need only replace a single module weighing 3- 5 kg. What's more, installation is quick and cost efficient thanks to a patented fastening system.

Cutting reduces emissions

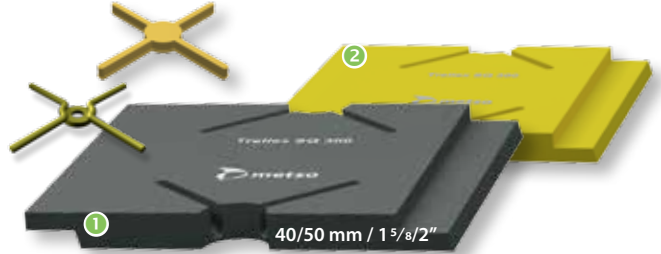
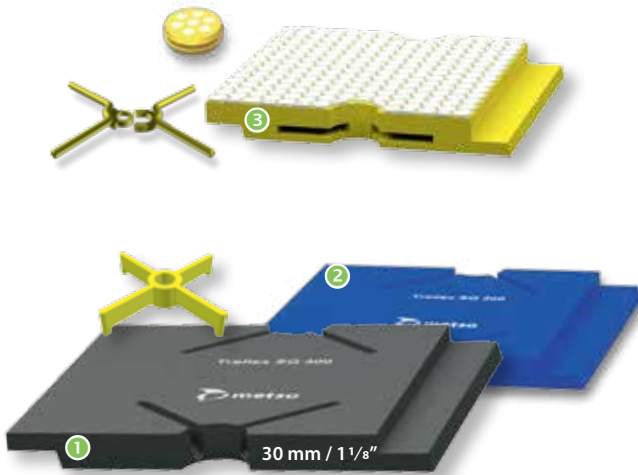
Unlike traditional steel linings, the rubber and polyurethane modules of Trellex SQ 300 can be cut with a knife or Alu-Cut machine. This way of cutting does not emit smoke, which could be hazardous for both the environment and the workers involved.

No welding, no risk

The most common fixing system, when installing steel lining, is welding which is not needed at all with SQ300. This further raises the level of employee safety.

PAH –free eliminates cancer concerns

You and your workforce can rest assured that their long term health is not being compromised by using Trellex SQ 300 modules since the rubber compound does not contain PAH (Polycyclic aromatic hydrocarbon) - a substance which is thought to increase the risk of cancer.



1 RUBBER - for impact wear areas

Rubber is an excellent material for absorbing impacts and highly resistant to wear. Best available material when impact is 90° to the surface.

2 POLYURETHANE - for sliding wear areas with fine and wet material

Polyurethane has a high resistance to sliding wear especially when the particle size is smaller than 50 mm (2"). Available in two different degrees of hardness.

3 CERAMIC - for sliding wear areas and high velocity of material

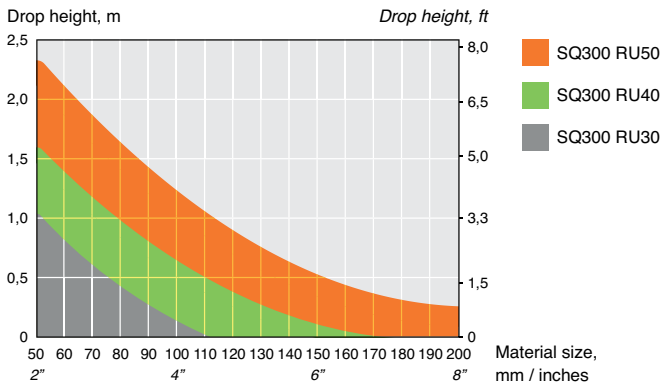
(Not recyclable)

This extremely hard material provides unrivalled resistance to abrasive wear. When embedded in polyurethane, impact problems are reduced.

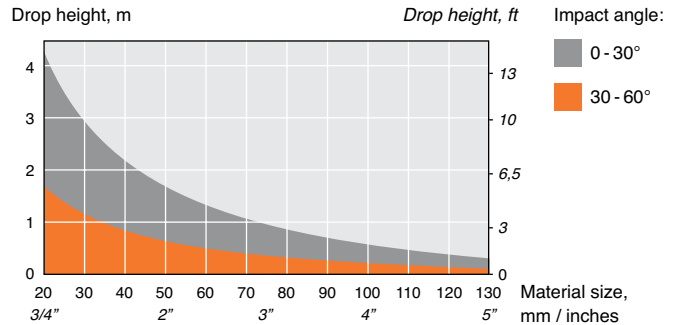
Choice of materials

Trellex SQ 300 plates are available in three different materials: rubber, polyurethane or ceramic.

SQ 300 rubber guide



SQ 300 ceramic guide



SQ box concept

Box includes 66 modules, spiders and plugs
Cover ~ 6 m² (66 ft²)

Features

- Robust and safe packing
- Clear marking
- No repacking
- Easy storage