

CERAMIC LINERS

EXTREME ABRASION RESISTANCE

Ceramic liners, connected with durable vulcanized rubber, are the ideal solution for high abrasive material flow. They are used in various types of chutes, impact boxes, silo liners and hoppers.

Thanks to a way of connecting ceramic elements to a steel plate by vulcanization, it is possible to utilise all the unique properties of the used elements in one product. The ceramic liners provide unrivalled abrasion resistance to abrasive materials, while the special rubber acts as a shock absorber to protect the ceramics from extreme impacts that could otherwise damage it. The fastening of the liners on the steel plate is enabled by a simple method of anchoring, either using anchor holes or embedded screws, according to the customer's requirements.

The ceramic liners are produced in 4 designs, which differ according to the material to be transported. The production of abrasion-resistant liners is custom made according to the customer's requirements.



Field of application

Quarries, gravel pits, steel industry, mines, recycling, other industries



Supplied dimensions

According to the customer's requirements, chute plates can be supplied also in the version with fastening into various modular screen systems

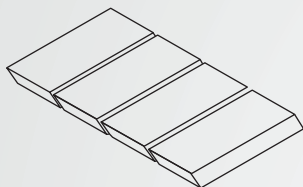


Supplied materials

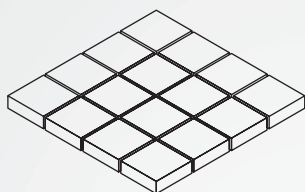
anti-abrasive ceramic liners + vulcanised rubber

TYPES OF CERAMIC LINERS

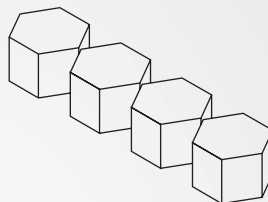
80 x 33 x 5 mm



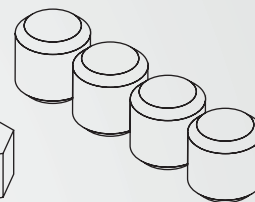
20 x 20 x 6 mm



20 x 15 mm



ø 25 x 25 mm



Used for lining chutes for high abrasion material flow

Thin damping layer of rubber between the sheet and the ceramics (2 mm) **excludes their use for impact surfaces.**

Used especially for: **chutes, lining of bins and silos**

Total thickness is **minimum 20 mm**

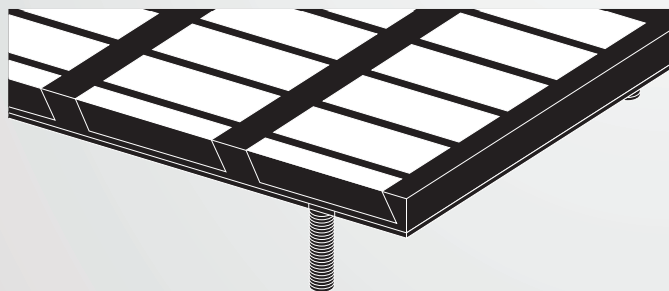
Suitable for **all impact surfaces and heavy-duty applications**

The higher damping layer of rubber (7 mm) allows them to be used also on **impact surfaces and chutes with an impact slope of up to 60 degrees.**

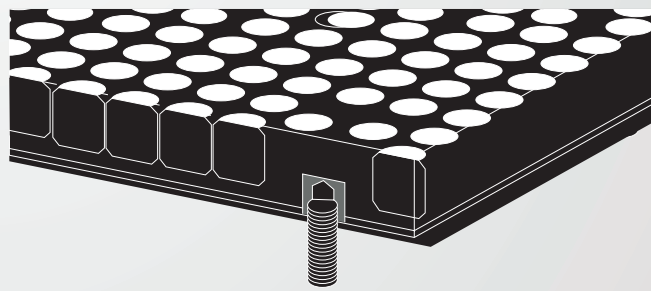
Mainly used for: **chutes, vibrating conveyors, impact surfaces, loading points, etc.**

Total thickness is **minimum 35 mm**

METHODS OF FIXING THE PLATES



Using welded threaded rods in different lengths



Using embedded threaded bushings