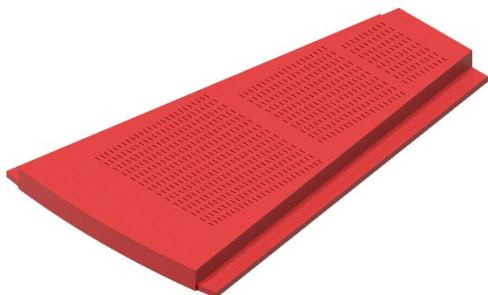


TEKNIKUM® Polyurethane Grate Plates



Teknikum® Polyurethane Grate Plates are specially designed for each mill. The open area and size of openings varies depending on the grinding requirements, grinding media and particle size of the product.

Polyurethane plates with steel and textile reinforcements are flexible, that helps grate plates to stay clean and open.

Open area of the grates is normally designed as large as possible, but it can be varied.

The polyurethane and thickness will be chosen for every purpose differently. polyurethane and aperture shape and size must be chosen according to grinding and process parameter. Even very small opening sizes are possible with the polyurethane material and the mold design.

ADVANTAGES

- Good wear resistance
- Easy installation
- Low friction material
- Light weight
- Flexible structure to help grate keep clean and open
- Small opening sizes possible

TECHNICAL PROPERTIES

Polyurethane

The grate plates are made of wear resistant polyurethane compound depending on the application.

Steel frame and structural reinforcements

The grate plate steel frame is with fully encapsulated to rubber and well protected against corrosion. The textile reinforcements will give the grate plate ability to endure mill loads and still be flexible to ensure trough put of grate via open holes. Plate can also be manufactured without holes for inner grate plates.

Versions & structure

- **AL- polyurethane grate plate** with steel frame and textile reinforcements
- **ALB- polyurethane grate plate blind** with steel backing or steel frame reinforcement.
- **ALN – polyurethane grate plate with variable thickness** to maximize lifetime of grate plate at most wearing area.

Grate plates are available in different sizes from thickness from approx. 40 to 140 mm the maximum length is approx. 1450mm. The grate plates are available with multiple hole sizes suitable for different grinding processes. Other dimensions available on request

MANUFACTURER

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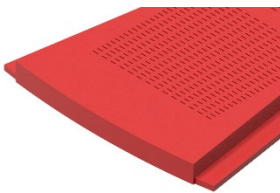


ORDER REFERENCE

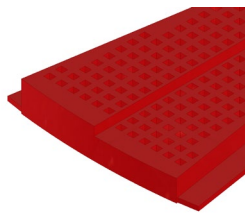
Other dimensions available on request.

Version	Thickness (mm)	Max width (mm)	Max length (mm)
AL	40-125	950	1450
ALB	40-125	950	1450
ALN	40-125	950	1450

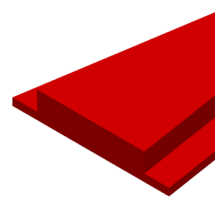
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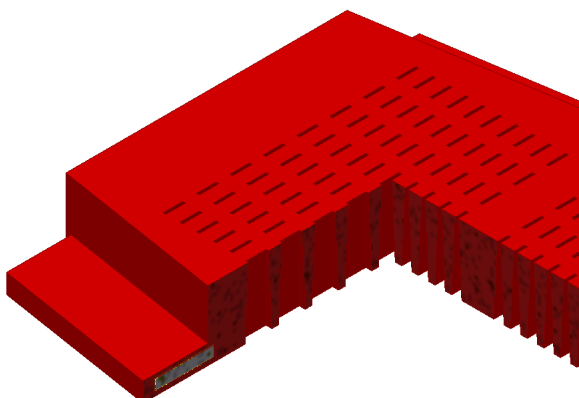
AL



ALN



ALB



e.g. 2x15mm holes (variable hole sizes possible)



Polyurethane grate plates
for grate discharge mills

