

MINES & QUERRIES

RELIABLE AND ROBUST

In the processing and mining industry, plant availability is critically important, as even a few hours of downtime can lead to significant costs. Wear-resistant and damping components made of polyurethane can extend maintenance intervals, thereby reducing maintenance costs.

WEAR-RESISTANT

Longer service life compared to wear-resistant steel and rubber

ELASTIC/DAMPING

Foamed polyurethane protects machines from impacts

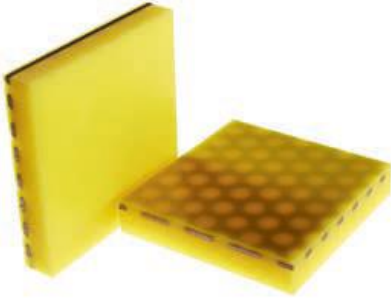
ADHESION PU/METAL

Permanent bond with a carrier plate

CUT-RESISTANT

No tearing possible like with rubber

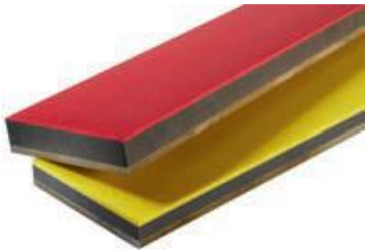
Polyurethane plate with perforated metal sheet insert



- **Standard format:** 2000x1000 mm
 - **Thickness:** 10-30 mm
 - **Perforated sheet:** 2 mm steel
 - **Hardness:** 60°-90° ShA
 - **Qualities:** normal, highly wear-resistant
- Other variants, dimensions/insert parts available on request, cutting possible.

Stepped plate with perforated metal sheet insert

- **Standard format:** 500-1100x500 mm
 - **Thickness:** 60 mm
 - **Qualities:** normal, highly wear-resistant
- Easy to fasten through perforated sheet insert.



Impact Plates

- **Standard:** 1500x200 mm
- **Sylothan:** 1000x200 mm
- **Insert thickness:** 5-10 mm
- **Damping layer:** 15 mm
- **Sliding layer:** 5 mm

Wear resistant coating

- Specific Fitting Shape **90° Elbow and T shape fittings**
 - Finish **Painted**
 - For Pipe Schedule **40**
 - Fitting Sides **Grooved**
 - Standards **ANSI B31.1, ANSI B31.9, NFPA 13**
 - Pipe Fitting Material **Ductile Iron**
 - Fitting Side Ø **3in/4in/5in and more upon request**
 - Maximum Operating Pressure **300 psi @ 150 Degrees F**
 - Application **Abrasive slurry transport, concrete, liquid, etc....**
- Pipes in other shapes and sizes available upon request



SUCCESSFUL APPLICATION



Lining of the transfer chute between aggregate scale and mixer in a concrete plant:

- 6 mm Tecthan on 2 mm steel backing
- After 8 months of use, at least 30,000 m³ of material conveyed:
 - No significant abrasion losses detectable
 - Hardox plates would have already needed to be replaced twice (service life of 4 months)
- After 13 months of use, at least 70,000 m³ of material conveyed:
 - Still no significant abrasion losses detectable
 - Hardox plates would have needed to be replaced at least three times (service life of 4 months)

YOUR LOCAL CONTACT



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