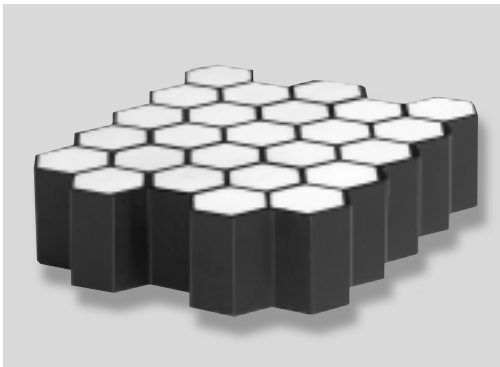


Hard but Nevertheless Elastic ...

KALIMPACT — Wear Protection against Impact: Plastic-Bonded High Alumina Ceramics



Conveying equipment often tends to create problems. Apart from sliding abrasion, it is frequently subject to stress as a result of impact. Hard wear-protective materials, which have proved to be most resistant against abrasion, were often restricted in some applications due to their sensitivity to impact.

KALIMPACT is a wear-protection system that due to its structure and attachment technique combines the high abrasion resistance of ceramic materials with the impact absorbing properties of polyurethane.

KALIMPACT — wear protection against impact highlighted by:

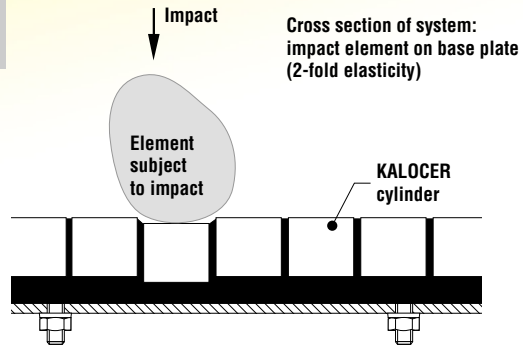
- resistance against abrasion caused by impact and friction
- exact matching to the specific stress
- easy replacement
- corrosion resistance
- noise reduction

Ideally Suited for Coarse Bulk Materials:

KALIMPACT is an Economic Solution for Wear due to Impact and Friction

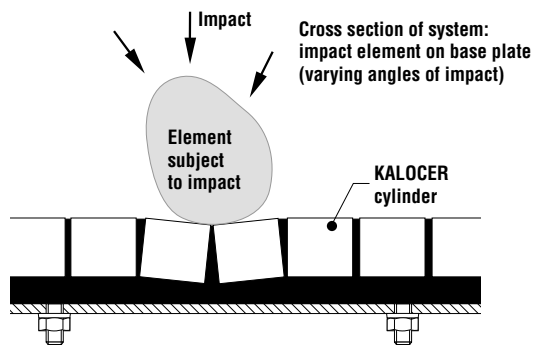
Hard but also elastic

KALIMPACT is an element system where cylinder-shaped ceramic bodies made from highly wear-resistant KALOCER have been cast into the polyurethane material KALFIX-PUR. The KALIMPACT element is fastened to the protected component by integrated screws.



Double elasticity

When subject to stress at steep angles, the ceramic bodies dissipate the energy of impact downward into the polyurethane layer. In addition, the complete KALIMPACT element is capable of deflection.



Elastic at no matter what angle

When subject to stress at flat angles, the ceramic bodies are able to dissipate the energy of impact into the polyurethane layer by a tilting motion.

Further benefits

- offered at standard sizes
- supplied at individual dimensions according to your specification
- thickness and diameter of the ceramic bodies can be matched to the specific application
- polyurethane system can be adapted to the particular requirements
- meshing toothing for easy handling
- no continuous joints

Get in touch with us:
We offer materials and know-how for an efficient wear protection — even in case of wear caused by impact and friction.

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