

# KALIMPACT

## Material data sheet

**Impact optimized wear resistant products** with ceramic, fused cast basalt or metal liners vulcanized in compressible rubber coat/layer as impact absorber. KALIMPACT provides combined properties of shock absorption through rubber as well as extreme wear protection and abrasion resistance through high alumina and silicon carbide ceramic tiles, fused cast basalt or metal liners.

### Properties of all applied materials

Feature	Unit	Data
<b>KALMETALL W Metal specifications</b>		
Panel Configuration	KALMETALL Rubber Metal	W 100
Chemical composition		Fe, C, Cr
Hardness Vickers	HV 10	700

### KALMETALL HB

Panel Configuration	KALMETALL Rubber Metal	HB400
Chemical composition		Fe, Mn, Cr
Hardness Brinell	HB	400

### KALCAST

Panel Configuration	KALCAST Rubber Metal	C153
Chemical composition		Fe, Cr, C Mo
Hardness Vickers	HV 1	620

### Rubber specifications

Chemical composition	NR/SBR	Natural Rubber / Styrene Butadiene Rubber
Shore hardness	Shore A- ISO 7619-1	58 ± 5
Temperature (operating)	°C	-30 ... + 80
Tensile strength	MPa (20°C)	15 - 16
Chemical resistance	pH	> 4
Oil resistance	Fuel / Petroleum / Vegetable	no

All technical data are approximate values. They are based on assessment of tests on specific samples. Therefore they cannot be considered as a guarantee for which Kalenborn would have to assume legal responsibility. Subject to technical changes and errors. For further details, sizes or executions, please contact our technical sales department.