

KALMETALL® C Hard Castings

Hard Cast Iron Materials - Cost-Effective Protection for Abrasive Applications

KALMETALL®-C is a family of hard castings offering a range of abrasion resistant protection. The hard cast iron wear resistant linings are tailored to handle the specific combination of impact wear and sliding abrasion for each application. Ideal for floors of concrete mixers, pump housings, linings for roller mills, mixer blades, mill linings and straight and spiral chute linings.

- Variety of alloys available
- Standard dimension up to 300 mm x 300mm
- Cylindrical linings from 40mm to 800mm diameter
- Complicated geometrical shapes feasible
- Wall thickness between 15 mm and 70mm
- Watch the video

Installation: individual shaped hard cast components for mechanical attaching. Laying in mortar, epoxy or temperature and acid resistant based mastics can also be chosen.

Application: used up to 350°C/662°F, depending on material, application and geometry.

Advantages: highly impact and abrasion resistant.



Cyclone used in a soil decontamination system.



Paddles made of KALMETALL-C 153 installed in a gravel washing unit.



Shaft spiral used for hard coal mining and fitted with time-tested KALMETALL®-C lining.



A coke ramp protected by KALMETALL®-C in combination with silicon carbide ceramics KALSICA® and hard ceramics KALCERAM®-K.



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