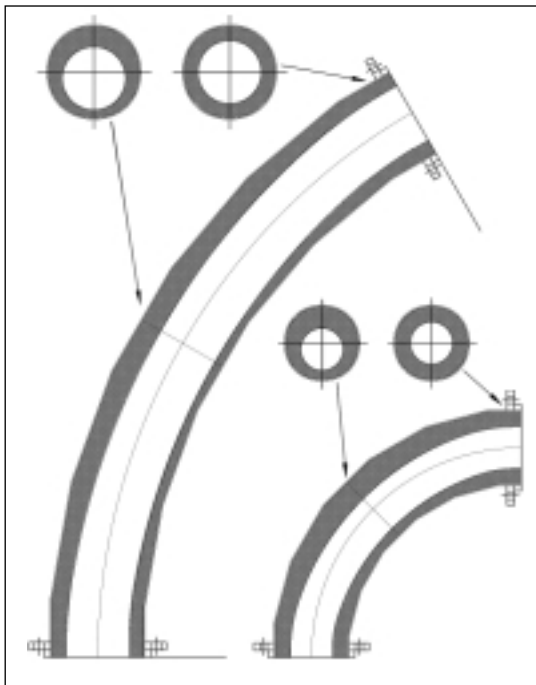


Jointless Lining...

Comprehensive Program for Pipes and Bends with KALCRET



Pipes and bends with an inside diameter of more than 40 mm can be lined with KALCRET.

Pipes and bends up to 600 mm inside diameter are lined with KALCRET

cast compound while lining with KALCRET trowelled compound is more economic for pipes and bends of larger diameter.

The advantage of the KALCRET wear protection is that the lining can be made thicker in the outer radius of the bend where it is subject to higher wear (asymmetric cross section).

Thanks to the production process, the manufacture of radii is highly flexible. Even particularly small radii can be fabricated.

All pipe connections of the well-known Kalenborn program can be used. Wear can be monitored with the aid of KALDETECT.

Benefits:

- minimum inside diameter 40 mm
- radii of more than 500 mm (variable)
- pipe length up to 5,000 mm
- jointless lining with a minimum thickness of 20 mm
- asymmetric cross section possible
- connections as defined in standard specification Rd 6a
- wear monitoring by KALDETECT

New Production Process Developed by Kalenborn:

Comprehensive Program, Jointless Lining, Asymmetric Configuration and Small Radii

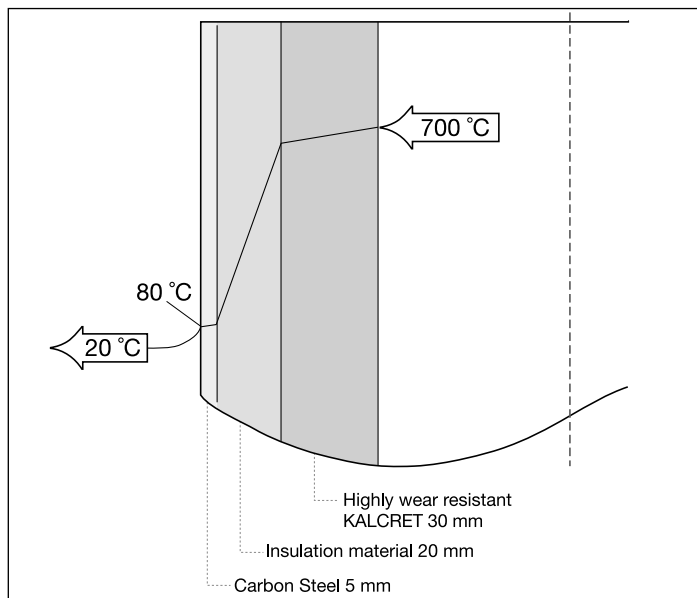
Inside diameter	mm	80	100	125	146	150	175	200
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Pipe length	mm	500	1000	1500	2000	3000
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Bends Radii / angles	mm	750	45°	60°	90°
	mm	1000	45°	60°	90°
	mm	1500	30°	45°	60°
	mm	2000	15°	30°	45°
	mm	2500	15°	30°	45°
	mm	3000	15°	30°	45°

Standard KALCRET program for pipes and bends (other dimensions available as well)

■ **KALCRET Pipes for Use at High Temperatures**



Pipes lined with KALCRET and characterized by a specific wall construction are offered for use at high temperatures. A particular

insulation material has been mounted between the steel shell and the wear-resistant KALCRET compound.

This system offers the following advantages:

- temperature difference up to 620 °C at a wall thickness of 55 mm
- low pipe weight thanks to minimized pipe dimensions
- use of cost-effective carbon steel as structural material
- excellent wear protection at extremely high temperatures up to 1,000 °C

Info KALCRET Rohre - E - 2000 - K/WA - 02/01 - © Kalenborn 2001

Contact us.
We have the materials and the know-how for efficient wear protection — even KALCRET pipe.