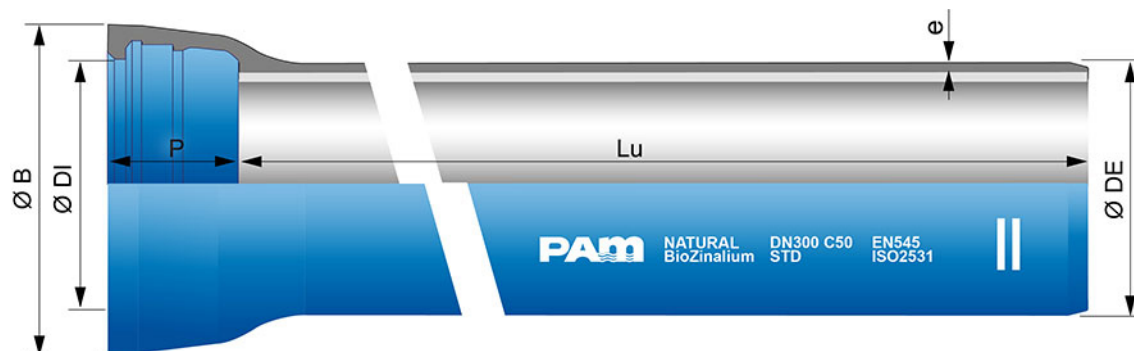


NATURAL^{Bio}Zinalium[®] Pipe STD joint DN60-300



DN	Lu	Class	e	Ø DE	Ø DI	P	Ø B	Mass	References
mm	m		mm	mm	mm	mm	mm	kg/m	
60	6.000	C64	5.4	76.9	80.3	89.5	122.3	10.774	NSA60C60AQ
60	6.000	C100	6.1	76.9	80.3	89.5	122.3	11.900	NSA60B60AQ
80	6.000	C64	5.4	97.8	101.4	92.5	144.1	14.013	NSA80C60AQ
80	6.000	C100	6.1	97.8	101.4	92.5	144.1	15.200	NSA80B60AQ
100	6.000	C64	5.4	117.8	121.4	94.5	166.9	17.103	NSB10C60AQ
100	6.000	C100	6.1	117.8	121.4	94.5	166.9	18.900	NSB10B60AQ
125	6.000	C64	5.4	143.7	147.4	97.5	193.1	21.122	NSB12C60AQ
125	6.000	C100	6.4	143.7	147.4	97.5	193.1	24.200	NSB12B60AQ
150	6.000	C64	5.5	169.7	173.4	100.5	220.8	25.538	NSB15C60AQ
150	6.000	C100	7.4	169.7	173.4	100.5	220.8	32.320	NSB15B60AQ
200	6.000	C50	5.4	221.6	225.2	106.5	275.1	33.366	NSB20D60AQ
200	6.000	C64	6.5	221.6	225.2	106.5	275.1	38.600	NSB20C60AQ
250	6.000	C50	6.4	273.0	276.8	105.5	328.6	47.318	NSB25D60AQ
250	6.000	C64	7.8	273.0	276.8	105.5	328.6	55.483	NSB25C60AQ
300	6.000	C50	7.4	324.9	328.8	107.5	385.3	63.583	NSB30D60AQ
300	6.000	C64	8.9	324.9	328.8	107.5	385.3	74.000	NSB30C60AQ

Legend:

- DN: nominal diameter
- Lu: laying length, in m
- Class: pressure class according to EN 545 and ISO 2531
- e: nominal thickness according to ISO 2531, in mm
- ØDE: external nominal diameter of the barrel according to EN 545 and ISO 2531, in mm
- ØDI: internal nominal diameter of the socket, in mm
- P: nominal depth of the socket, in mm
- ØB: nominal diameter of the socket, in mm
- Mass: total mass per metre (including cement coating and socket), determined with the nominal thickness, in kg/m

NATURAL DRINKING WATER DN 60 to 300		06/17/2022
		ENATE50HVI520

- Reference: commercial reference Saint-Gobain PAM

Field of use:

- For drinking water and other water network applications (except sewage water)

Main characteristics:

- Pressure class in conformity with Standard EN 545-2010 and ISO 2531-2009
- External ^{Bio}Zinalium[®] coating consists of two layers:
 - a layer of zinc-aluminium 85/15 alloy, enriched with copper, with a minimum surface density of 400g/m², applied by spraying molten metal onto the surface of the iron, using an electric arc spray gun, from ZnAl (Cu) alloy wire
 - a protective layer of Aquacoat (semi-permeable), a water-based blue acrylic of average thickness 80 microns applied using a spray gun
- Internal coating: sulfate resisting blast furnace cement mortar
- Standard joint in alimentary elastomer EPDM (ACS, KTW, WRAS,...)
- Vi anchoring without bolts

Type of soils:

^{Bio}Zinalium[®] coating can be in contact with all type of soil, as defined in Annex D.2.2 of EN545:2010, except:

- peaty and acid soils
- soils containing wastes, scraps, ashes, slags or soils contaminated by industrial effluents or other wastes
- soils located under the level of the marine water table with a resistivity lower than 500 Ω cm

In such soils, and also in the event of stray currents, it is recommended to use other types of external coatings for more aggressive soils (TT PE or TT PUX ranges).

Type of water:

NATURAL[®] ductile iron pipes with internal coating of sulphate resisting blast furnace cement mortar are adapted to convey all types of drinking water in conformity with Directive 98/83/CE.

In case of other type of water, please refer to below information:

	Minimum value	Maximum value			
Parameter	pH	CO2 aggressive	Sulphate	Magnesium	Ammonium
Unit	-	mg/l	mg/l	mg/l	mg/l
Value	5,5	15	3000	500	30

Blast furnace cement mortar is a sulphate resisting cement (SRC).