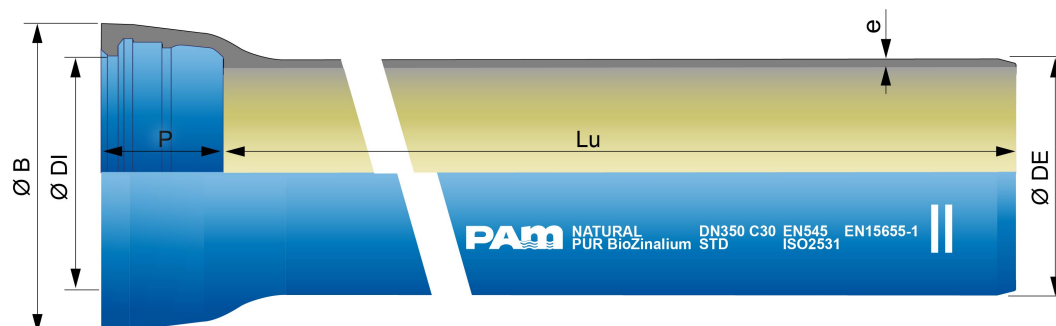


NATURAL^{Bio}Zinalium[®] PUR pipe with STD joint DN350-600



DN	Lu	Class	e	Ø DE	Ø DI	P	Ø B	Mass	References
mm	m		mm	mm	mm	mm	mm	kg/m	
350	6.000	C30	6.4	376.8	380.9	110.5	444.5	57.650	NSB35G60WQ
400	6.000	C30	6.5	427.7	431.9	112.5	494.6	66.617	NSB40G60WQ
450	6.000	C30	6.9	478.6	483.0	115.5	546.5	79.467	NSB45G60WQ
500	6.000	C30	7.5	530.5	535.0	117.5	600.9	95.233	NSB50G60WQ
600	6.000	C30	8.7	633.3	638.1	132.5	712.0	131.517	NSB60G60WQ

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 polyurethane coating and socket), determined with the nominal thickness, in kg/m
- Reference: commercial reference Saint-Gobain PAM

Field of use:

- Aggressive or soft waters

NATURAL DRINKING WATER DN 350 to 600		06/17/2022
		ENATE60STD622

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: 800 microns mini thick layer of sand-coloured polyurethane
- 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).