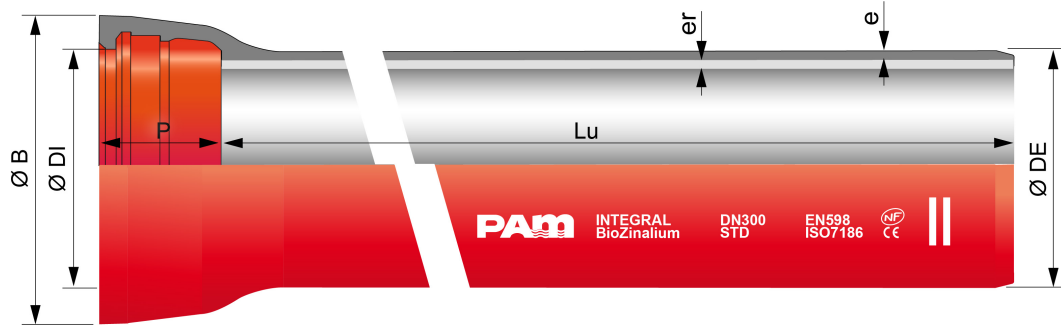


INTEGRAL^{Bio}Zinalium[®] pipes with STD joint DN80-300



DN	Lu	e	er	Ø DE	Ø DI	P	Ø B	Mass	PFA	References
mm	m	mm	mm	mm	mm	mm	mm	kg/m	bar	
80	6.000	5.0	4.0	97.8	101.4	92.5	144.1	13.274	40	TSA80E60BP
100	6.000	5.0	4.0	117.8	121.4	94.5	166.9	16.189	40	TSB10E60BP
125	6.000	5.0	4.0	143.7	147.4	97.5	193.1	19.982	40	TSB12S60BP
150	6.000	5.0	4.0	169.7	173.4	100.5	220.8	23.825	40	TSB15S60BP
200	6.000	5.1	4.0	221.6	225.2	106.5	275.1	32.009	40	TSB20S60BP
250	6.000	5.3	4.0	273.0	276.8	105.5	328.6	41.032	38	TSB25S60BP
300	6.000	5.6	4.0	324.9	328.8	107.5	385.3	51.258	35	TSB30S60BP

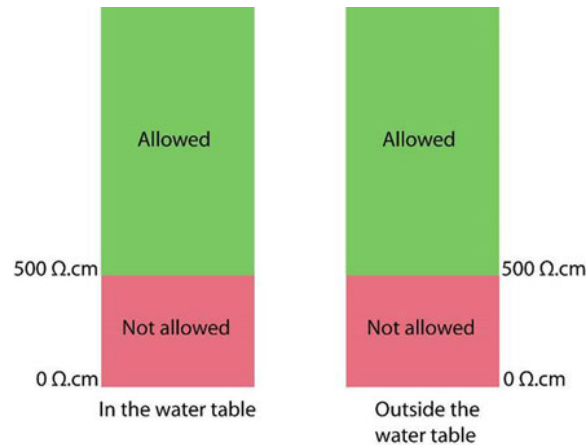
Legend:

- DN: nominal diameter
- Lu: laying length, in m
- e: thickness according to EN598 + A1 – August 2009, in mm
- er: thickness of the cement mortar, in mm
- ØDE: external nominal diameter of the barrel according to EN598 + A1 – August 2009, 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 meter (including cement coating and socket), determined with the nominal thickness, in kg/m
- Reference: commercial reference Saint-Gobain PAM

Field of use:

- Separate sewer system and combined sewer system
- Application: gravity flow and rising main sewerage systems
- Type of effluent: domestic wastewater and rainwater
- Perfectly watertight
- For effluents between pH4 and pH12
- For the soils with $6 < \text{pH} < 9$

- Majority of the soils, except the acid peaty and polluted soils
- Suitable for clay soils
- Resistivity of the soils:



Main characteristics:

- External coating BIOZINALIUM: a layer of zinc-aluminium alloy enriched with copper Zn85Al15 (Cu), with surface density of 400 g/m² covered with a protective red (RAL 3011) layer AQUACOAT 80 µm (mini average), without VOC and without BPA.
- Internal lining: aluminous cement mortar CALCOAT
- Socket coating: zinc rich paint 40 µm or zinc-aluminium 200 g/m² + red AQUACOAT 160 µm (mini average)
- Spigot coating: zinc-aluminium (Cu) 400 g/m² + red AQUACOAT 160 µm (mini average)
- Standard Gasket in Nitrile
- EN 598 / CE Marking
- Declaration of performances DoP-INTEGRAL003EN
- Designed in accordance with applicable regulations:
 - NF EN 476: general stipulations regarding components used in systems
 - NF EN 752: design of sewerage projects
 - NF EN 1610: acceptance of structures
 - CCTG: Fascicule 70 (sewage work)