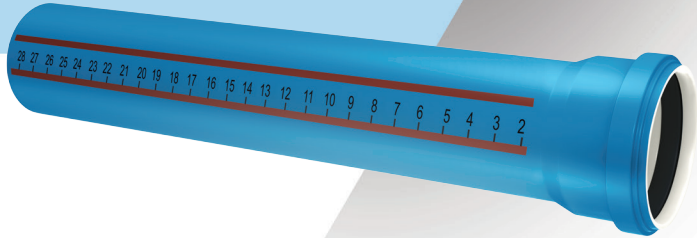


Ultra dB

Soundproof indoor sewage system PP

Ultra dB is a complete system of pipes and fittings made of mineral-enhanced polypropylene. Each pipe has a double-layered structure, which consists of internal (white) and external (blue) walls, smooth, resistant to dirt and permanently overprinted with a centimetre scale.



PARAMETERS

System name	Ultra dB		Seal	SBR Three-lip in pipes DN110, DN125, DN160. Single-lip in other pipes and fittings.
Production site	Sieniawa Żarska 69, 68-213 Lipinki Łużyckie, Poland		Tightness of connections	up to 4.5 bar (45 m water column). For diameters: DN110, DN125, DN160
Material	PP-M polypropylene with mineral fillers (pipes and fittings)		Other applications	Drainage of roof surfaces of buildings where the installation height does not exceed 45 m (according to the Technical Opinion of Department of Material Engineering, GIG).
Construction of walls	pipes	double-layer	Chemical resistance	Transport and disposal of sewage with a pH value of 2-12
	fittings	homogeneous	Fire resistance class	B2 (according to DIN 4102)
Colour	pipes	internal layer: white external layer: blue	Density	1.4 g/cm ³
	fittings	blue	Impact strength	TIR <10
Ring stiffness	S16 series, SN ≥ 8kN/m² (DN110 – DN160)		Documents	National Technical Assessment ITB- KOT-2017/0167 ed. 3, National Declaration of Performance KDWU 067/3 and KDW 062/3, PZH Hygienic Certificate.
Pipe diameter	DN50 mm DN75 mm DN110 mm DN125 mm DN160 mm		Acoustic characteristics (riser pipe DN110)	
Area of use	„BD” are intended for application in accordance with the EN 1451-2018 standard, i.e. as part of internal plumbing systems, on external walls, in underground systems not extending beyond the building structure, or embedded in concrete.		Specialist BISMAT 1000 clamps	≤ 10 dB (0.5 l/s); ≤ 10 dB (1 l/s); 13 dB (2 l/s); 16 dB (4 l/s)
Maximum sewage temperature	90°C – permanent flow 95°C – temporary flow		Standard steel clamps with an elastomer insert	11 dB (0.5 l/s); 14 dB (1 l/s); 16 dB (2 l/s); 20 dB (4 l/s)
Minimum installation temperature	-20°C			

