



HTplus

PP indoor low-noise sewage system

HTplus is a complete system of next-generation sewage pipes and fittings which complies with stringent low-noise requirements. The system is made of an improved plastic formulation based on polypropylene (PP) with mineral additives. The system conforms to all requirements for modern, environmentally-friendly sewage drain systems.

System name	HTplus
Production site	Sieniawa Żarska 69, 68-213 Lipinki Łużyckie, Poland
Material	Polypropylene (PP); Mineral additives
Colour	RAL 7037 grey or RAL 9016 white (for DN32) inside and outside. Halide and cadmium free.
Pipe structure	Solid
Pipe diameter	DN32 mm DN40 mm DN50 mm DN75 mm DN110 mm DN125 mm DN160 mm
Wall thickness	DN32 e= 1,8 mm DN40 e= 1,8 mm DN50 e= 1,8 mm DN75 e= 1,9 mm DN110 e= 2,7 mm DN125 e= 3,1 mm DN160 e= 3,9 mm
Area of use	Area B in plumbing systems installed inside of buildings or on external build- ing walls
Maximum sewage temperature	90°C at constant flow 95°C at instantaneous flow (up to 15 min)
Low temperature impact strength	-10°C minimum (can be installed in winter)

Seal	Single-lip SBR, factory-fitted in the pipe and fitting sockets
Connection sealing	0.5 bar maximum
Selected fittings	HTED pipe cross 110/110/110; HTR short reducers 50/32, 75/50, 110/50, 110/75, 160/110; HTR inner reducers 110/50, 110/75, 160/110; HTSM plug-in socket 110/110; Plumbing vent, 160
Chemical resistance	Carriage and drainage of pH 2-12 sewage
Fire resistance class	B2 (DIN 4102)
Density	0,95 g/cm ³
Impact strength	TIR <10
Documents	PZH-NIH Hygiene Certificate, National Technical Assessment ITB-KOT- 2018/0579 Ed. 1, National Declaration of Performance (NDP) No. 026/3 and NDP No. 25/3, Certificate of Conformity No. CZ/694/ VII/2020
Acoustic characteristics (DN110)	
Standard steel clamping rings with elastomer liners	14 dB (0.5 l/s); 17 dB (1 l/s) 16 dB (2 l/s); 21 dB (4 l/s)
BISMAT 1000 clamps	16 dB (0.5 l/s); 14 dB (1 l/s); 13 dB (2 l/s); 17 dB (4 l/s)

