

indoor low-noise
sewage system

Ultra dB

Magnaplast is a part of the German holding specialising in processing of plastics and is a leader in the production of sewage systems.

The extensive distribution network ensures easy availability of the Magnaplast products both within and outside Europe. The products made of raw materials from the best suppliers are renowned for their high quality.

Magnaplast successfully pursues a policy aimed at ensuring complete customer satisfaction and helps in selecting the best possible solutions from the wide range of modern products including:

- **HTplus** – unique indoor sewage system made of polypropylene
- **Ultra dB** – low-noise indoor sewage system
- **Skolan dB** – thick-walled low-noise sewage system
- **KG** – outdoor sewage system made of polyvinylchloride (PVC-U)
- **SC** – system of inspection chambers
- **MAGNACOR** – system of corrugated double-walled pipes made of polypropylene, for outdoor sewage systems
- **PE** – pipes and fittings made of polyethylene
- **DR** – drainage pipes and chambers

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Ultra dB



The Ultra dB low-noise indoor sewage system is a complete system of pipes and fittings made of mineral-enhanced polypropylene.

The Ultra dB system is intended for the construction of non-pressure low-noise sanitary sewage, storm water and process waste water systems. It is used for draining highly aggressive domestic, municipal and industrial types of sewage, including ones characterised by high concentration of hydrogen sulphide and high temperature. Ultra dB pipes and fittings are perfectly suitable for drainage systems in multi-storey buildings.



Centimetre scale

External layer with enhanced dirt and hit resistance

Internal layer with noise dampening properties, white-coloured for ease of inspection

Triple lip seal (applies to Ø110, Ø125 and Ø160) designed so as to improve acoustic absorption and reliability of connections

New diameter: Ø125

Quality guaranteed

Ultra dB pipes and fittings meet the requirements set forth in **PN-EN 14758-1:2012**, **PN-EN 1451-1:2018-02** and the National Technical Assessment **ITB-KOT-2017/0167**

Top quality thermoplastic elastomer lip seals manufactured according to **PN-EN 681-1:2006**

High degree of sound insulation proved by tests in Fraunhofer Institute, Stuttgart

Raw materials from renowned suppliers only

Original recipe – polypropylene (PP-C) and natural minerals

A range of diameters: **50, 75, 110, 125 and 160 mm**

Pipes and fittings with **EAN 13 code**

Technical properties

- Noise level of the system as low as **16 dB** (with flow rate of 4 l/s)
- Unique recipe: polypropylene (PP) + mineral additives
- Stiffness class $\geq$ **SN8 kN/m² (DN 110 – DN 160)** – BD application area
- High mechanical resistance at temperatures as low as **-20°C**, which enables the installation in winter conditions
- Tightness of socket joints up to **4.5 bar** (45 m of water column); suitable for drainage systems in buildings
- Resistance to sewage with a temperature up to **95°C**
- Chemical resistance within the range of **pH 2 – pH 12**

