



KG 2000[®]



PP underground drainage system

Strong Arguments

Strong pipe!

High Quality according DIN EN 14758-1

KG 2000 meet the requirements of the new European Standard DIN EN 14758.

Solid Wall Pipes made of robust Polypropylene

KG 2000 is a homogeneous solid wall Pipe system made of Polypropylene.

Complete range from DN 110 till DN 315

KG 2000 pipes and fittings in the dimensions from DN 110 till DN 315 – for private and community drainage systems.

High burden pipes

KG 2000 is a high burden pipe with a ringstiffness class SN 8. In fact, the ringstiffness is greater than SN 10. In combination with the excellent impact strength of the material Polypropylene, KG 2000 can be used from 0,6 mtr. under floor for heavy traffic burden (SLW 60).

Patented Sealingsystem

In addition to the robust material Polypropylene the patented sealing-system plays an important part in the capacity of KG 2000: the system was checked with a pressure of 2,4 bar.

The important advantages for KG 2000 sealing-system result from special form of the ring with clamping lip, retaining lip, stripping lip and sealing lip.

Clamping and retaining lip fixed the ring in the ring groove.

Stripping lip against grunge. That avoid the leakage of the pipe system.

Sealing lip ensures a permanent watertightness.

Another advantages for KG 2000: the effort to connect the pipe system is significant lower than in other systems. It saves times and money for the installation and increases the tightness.



Strong arguments!

High chemical resistance

KG 2000 is resistant against bioorganic sulphuric acid corrosion. The high degree of chemical resistance (pH 2 – pH 12) qualify KG 2000 for waste water from canteen kitchens, slaughterhouses and industrial firms.

Excellent impact strength

The excellent impact strength under mechanical stress and by installation under 0° C degree is a further advantages of the KG 2000 system. No risk of breakage in using KG 2000 even at - 20° C.

Optimal hydraulic system

KG 2000, made of Polypropylene, has a high degree of abrasive resistance and a smooth surface which avoids incrustation: the maintenance interval is prolonged by self-cleaning of KG 2000.

Not less than 100 years of function

KG 2000 has conclusive technical qualities that advise this pipe system for the future – not less than 100 years.

Economical

Low-cost installation without special tools – easy and safe connections. And low maintenance operation – this is economical.



Environment-friendly

Resources are economically used during the fabrication and production of Polypropylene. Polypropylene can be recycled completely. The significant KG 2000 sealing-system avoids the infiltration of waste water into the ground water.



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