

epros[®] DrainHybridLiner

The specialist for projects demanding extremely high mechanical properties



Up to 110 °C [230 °F]

APPLICATION AREA

- For gravity pipes (Type S), for pressurized pipes (Type P)
- For pipe diameters from 200 mm to 600 mm [8" to 24"], also for bends up to 45°
- Appropriate for hot water and steam curing

BENEFITS

- Maximum coating elasticity
- High temperature resistance
- Good management of bends up to 45°
- Providing high mechanical properties.
- Rehabilitation of high pressure pipes (Type "P")
- Wall thickness only 4,5 mm

If you are looking for a competitive alternative to the UV curing method that requires a high investment into technical equipment the DrainHybridLiner is the solution that meets with less demands.

The composite of woven ECR glass fiber layers and polyester needle fleece, with a PP-coating on one side, provides this liner with outstanding mechanical properties when used together with EPROPOX resin systems.

Type "S" with a 300 g/m² flexible Polypropylene coating for the use in gravity pipes. It is a cost-effective solution for gravity pipes, especially in pipe diameters ranging from DN 400 – DN 600 [16" – 24"].

Type "P" with a 600 g/m² pressure resistant Polypropylene coating for the use in pressurized pipes.

Both types – ranging from DN 150 to DN 600 [6" – 24"] – are suitable both for the inversion method and the water head and can be cured with hot water or a steam/air mixture.

PRODUCT SPECIFICATION**Material**

Composite of ECR-glass fiber and polyester needle fleece with polypropylene coating (PP)

A Trelleborg quality product manufactured according to DIN ISO 9001 and ISO 14001.

Diameter

150 mm to 600 mm [6" to 24"]

Liner undersize

10 %

Suitable resin systems

EPROPOX HC120 (comp. A + B)

In conformance to worldwide standards

DIN EN

**TYPE S**

Article no.	Pipe diameter	Wall thickness
210458	DN 150 [6"]	4,5 [0.18"]
210459	DN 200 [8"]	4,5 [0.18"]
210460	DN 225 [9"]	4,5 [0.18"]
210461	DN 250 [10"]	4,5 [0.18"]
210462	DN 300 [12"]	4,5 [0.18"]
210468	DN 350 [14"]	4,5 [0.18"]
210463	DN 375 [15"]	4,5 [0.18"]
210464	DN 400 [16"]	4,5 [0.18"]
210465	DN 450 [18"]	4,5 [0.18"]
210466	DN 500 [20"]	4,5 [0.18"]
210467	DN 550 [22"]	4,5 [0.18"]
210469	DN 600 [24"]	4,5 [0.18"]

Curing methods

Hot water, steam curing

Lengths

Standard length is 100 m [approx. 328 ft]

Certified quality management**TYPE P ON REQUEST**

For more details regarding availability and delivery times please call our customer service:

For Europe, Asia: +49 2065 999 0

For USA, Canada: +1 800 626 2180 (toll free)



TRELLEBORG

WWW.TRELLEBORG.COM/PIPE-SEALS