

Bionic System

SELF-CLEANING SYSTEM WITH BIONIC SURFACE

Advantages of the System

- Reduced sedimentation already at low flow rates
- Reduced odour in the sewer system
- Significant reduction of concrete degradation even if only the invert section is lined
- Recommended for lining sewer systems
- Significant lower cleaning and maintenance effort required

Concrete protective liner advantages

- Absolute mechanical anchoring to the concrete structure
- Bridging of cracks in the concrete
- Suitable for aggressive media (no corrosion)
- Long life expectancy



The innovative structure enables a fast removal and avoidance of deposits during the transport of media. The concrete protective liner with bionic surface provides a remarkable self-cleaning effect, even at low flow capacities. Additionally the surface structure improves the footing (works like a slip-and-slide protection) and thus the safety in the channel.

This system offers a complete corrosion protection of the entire sewer system as well as cost advantages in comparison to conventional lining systems due to the fact of less maintenance effort is required.

SUPPLY RANGE

HDPE yellow (RAL1003) Sure Grip Self Cleaning System

Wall thickness	Dimension
2.0 mm	25000 x 1000 mm
2.5 mm	25000 x 1000 mm
3.0 mm	25000 x 1000 mm

*Customized colors are available on request!

