

Our Ref: 16929-0

24 July 2019

Karl-Heinz Diekel
Export Sales Manager Drainage Division
Funke Kunststoffe GmbH
Siegenbeckstraße 15
59071 Hamm
Germany

Dear Karl

Funke HS SN12 & SN16 Pipework review against Sewers for Adoption 7th Edition 2012

Ref: Sewers For Adoption 7 - Clause E2.21

'1. Thermoplastics pipes, joints and fittings for gravity sewers shall comply with the relevant provisions of BS EN 1401-1, BS EN 1852 and BS EN 12666-1 and BS EN 13598-1'.

This letter clarifies the position with the HS[®] drainage pipe system and the BS EN 1401-1:2009 Plastic piping systems for non-pressure underground drainage and sewerage. Plasticized poly(vinyl chloride) (PVC-U). Specifications for pipes, fittings and the system.

The above standard references the recommended strength characteristics of pipework for the adoption of sewer networks in England and Wales. The current standard was published in 2009 and only covers pipes with Nominal Stiffness's of SN2, SN4 & SN8 rating. It should be noted at the time of issue of this letter (24th July 2019), Standard BS EN 1401-1:2009 has been under review since 2017 with a scope increase to include SN16 pipework. Estimated issue is Autumn 2019.

The HS[®] drainage pipe system as manufactured by Funke Kunststoffe GmbH have nominal stiffness's of SN12 & SN16. As the current standard does not currently include SN12 & SN16 pipes, minimum and maximum values for pipe wall thickness have been extrapolated from the requirements of the SN8 pipe. The SN12 & SN16 HS[®] drainage pipe has been proven to be within these extrapolated values by calculation and verified by testing.

Yours sincerely



Jonathan Badger
Technical Manager

01793 865036
Jonathan.Badger@wrcplc.co.uk

Telephone: + 44 (0) 1793 865000
Website: www.wrcplc.co.uk

Fax: + 44 (0) 1793 865001
Email: solutions@wrcplc.co.uk