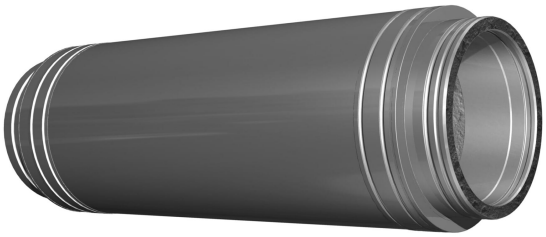
High Temp Sealant ICS50 - 5000



This product is part of Schiedel's accessory range which can be used on a variety of systems. Please consult with our customer service team for advice on it's suitability.

Schiedel have a range of chimney and flue components suitable for all types of appliances, from wood stoves to CHP system and gas boiler system to data centre generators, and more.

Schiedel is the first European chimney manufacturer to have performed the tests according to this latest fire resistance standard for chimneys. European standard BS EN 1366-13:2019 “Fire resistance tests for service installations, Part 13: Chimneys” and has reached EI 120 classification for our Double Wall Insulated System Chimney ICS in
a closed scenario (type A) for both vertical and horizontal set-ups.

ICS 5000 is tested and approved in both 25mm and 50mm variants to BS EN 1856-1 as a System Chimney and to BS EN 1856-2 as a connecting flue pipe with the following designations

System Chimney BS EN 1856-1 (TÜV 0036 CPR 9195 027)

ICS25 5000
T600 H1 D V3 L50050 O75* T200 H1 W V2 L50050 O50**

***Distance to Combustibles**
*Ø80-Ø300 distance – 75mm
*Ø350-Ø450 distance – 112.5mm
*Ø500- Ø600 distance – 150mm
**Ø80-Ø200 distance – 50mm

ICS50 5000
T600 H1 D V3 L50050 O25*

***Distance to Combustibles**

*Ø80-Ø300 distance – 25mm
*Ø350-Ø450 distance – 37.5mm
*Ø500- Ø600 distance – 50mm

Connecting Flue Pipe BS EN 1856-2 (TÜV 0036 CPR 9195 038)
T600 H1 D V3 L50050 O100 M

Connecting Flue Pipe BS EN 1856-2 (TÜV 0036 CPR 9195 036)
T600 H1 D V3 L50050 O100 M

EI 120 Fire rating to BS EN 1366-13 Chimneys
ICS25 5000 and ICS50 5000: Horizontal and Vertical

Corrosion testing on Gas, Oil, Solid Fuel (TÜV 0036 CPR 9195 027)
Gastec, MPA,TÜV

ICS 5000 brochure

ICS 5000 installation instructions

Click here to view Certificates and Declarations of Performance

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Please visit our external BIM (Business Information Modelling) for access to advanced modelling files in a number of formats. Please note that you will have to register and login for access to the files.

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