



Industrie Service

Test Report no. A 1911-03/13
supplementary to test report no. A 1911-00/11

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Object of Test system chimney
type PERMETER SMOOTH
consisting of double wall stainless steel elements
with intermediate insulation layer

Ordering Company Schiedel Chimney Systems Ltd.
Crowther Estate, Washington
Tyne & Wear, NE38 0AQ, Great Britain

Scope of Supplement Extension of nominal working temperature

Date: 2013-12-12

Our reference:
IS-TAF-MUC/stg

Report no. A 1911-03/13
Order no. 2036809

Document:
A19110313_PERMETER
SMOOTH T600_1x

According to test report A 1911-00/11 dated 2011-03-01 the system chimney type PERMETER SMOOTH was tested according to DIN EN 1856-1:2009 for the classification items T450, N1, D and G. The manufacturer wants to extend the nominal working temperature range to T600 with an insulation layer 50 mm made of the materials SUPERWOOL X 607 or INSULFRAX S. The system chimney will be manufactured in a non painted version and in a version painted black. The paint will be the same as for the system chimney ICS50. Other features and the elements are not changed compared to report A 1911-00/11.

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The system chimney PERMETER SMOOTH has an inner liner and an insulation layer identical to the system chimney ICS50. The only difference is the joint in the outer liner. In the test according to A 1911-00/11 the integrity of the system chimney at T450 and at sootfire conditions have been tested. As there has been no critical influence of the thermal tests on mechanical stability and gas tightness up to sootfire conditions also a test for a nominal working temperature of T600 will show sufficient performance. Therefore the relevant results of A 1911-00/11 also apply to a system chimney PERMETER SMOOTH for designation T600.

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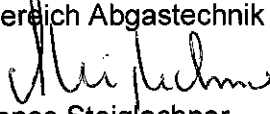
The results for the distance to combustible material can be transferred from test report A 1401-00/05 on the system chimney ICS50 and from test report A 1401-01/05 on the system chimney ICS50 painted.

The test results refer exclusively
to the units under test.

The possible designation according to EN 1856-1:2009 are

T600 N1 D V2 L50050 G25
T600 N1 D V2 L99050 G25
T600 N1 D Vm L20050 G25

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