This document supersedes document EUFI29-20006328-T1.

VERIFICATION
of testing

This verification confirms the compliance with the requirements of standard EN 1366-13:2019

Manufacturer

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Tested products

ICS25 and ICS50

Summary of the tests

Products ICS50 and ICS25 are used as Metal System Chimneys. The chimneys are double wall chimneys with mineral wool insulation between walls. The insulation thickness in the ICS25 is 25 mm and in the ICS50 50 mm. According to the test reports EUFI29-20001212-T3 and EUFI-20001212-T4 products comply with the requirements of EN 1366-13:2019. A summary of the characteristics is presented below:

Model	Installation	EI rating
ICS50 Specimen A (without openings inside the furnace)	Horizontal	EI180
ICS25 Specimen A (without openings inside the furnace)	Horizontal	EI120
ICS50 Specimen A (without openings inside the furnace)	Vertical	EI180
ICS25 Specimen A (without openings inside the furnace)	Vertical	EI120

The test results can be applied to the other ICS marketing names when the only difference between product construction is different sealing rings installed on the inner or the outer liner. Those products share same construction and materials as tested with insulation thicknesses 25 mm and 50 mm.

According to the results, ICS50 and ICS25 can be used as penetrating chimney element of the fire resistant section. Appropriate fire resistant sections may be made of concrete or aerated concrete block which density is 500 kg/m^3 or more (thickness on the wall 200 mm and on the ceiling 250 mm) or materials specified in the test standard EN 1366-13:2019. The penetration of the fire resistance sections with tested chimney have to be made as presented in the test reports EUFI29-20001212-T3 and EUFI-20001212-T4.

This verification is valid only for product specified in test reports EUFI29-20001212-T3 and EUFI-20001212-T4. This verification is valid until on condition that the product is not essentially changed.

Espoo, Tuesday, April 5, 2022

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This document is electronically approved.