

DOCUMENTATION

SINTEF 010-0238

With reference to the Norwegian building regulations, revised 1997-06-13 and amended January 2007, with the belonging guidance of 1997-01-22, revised March 2007, we document, on the basis of test certificates and evaluations, that this product meets the requirements of the Norwegian authorities as to the fire related qualities.

Building materials: Vented Linear Construction Seals
Product responsible: Securo AS
Neptun vn. 6, 7650 Verdal, NORGE


The documentation is conditional on that the product is in accordance with the specifications given in the appendix and that the products is applied and used in accordance with regulations and all important details in this process follow precisely what is described in a user instruction, which is checked by SINTEF NBL as. Both the user instruction and the SINTEF Documentation shall follow the product or be available for the purchaser, user, inspector and the local authority.


The product shall be labelled with **SINTEF 010-0238**, trade name, product responsible and/or manufacturer together with a reference to the production for traceability. The labelling shall have good visibility.

The product must have at least one annual, external inspection related to the internal system for control of quality. The inspection is adjusted to the type of product and other existing inspection arrangements. Details specified in a written agreement with NBL.

First issued **2009-08-03**. A renewal may be issued based on a written application. Termination by the applicant shall be asked for in writing and with 6 months notice. SINTEF NBL as may withdraw this documentation when irregularities or misuse happens and written instructions are not respected.

Issued: 2009-08-03
Valid until: 2014-08-03


Svein Baade
Section manager documentation


Jan P. Stensåas
Research scientist

Appendix for documentation SINTEF 010-0238 dated 2009-08-03.

Trade name: Vented Linear Construction Seals

Manufacturer: Securo AS

Description:

Application: For vented fire barriers in voids or cavities inside fire rated walls and floors. Twin roll with single or double intumescent Sealmaster strip inside a 36 mm cavity between different materials in walls and floors in order to prevent vertical fire spread, for instance behind the cladding on façades.

Fire resistance: Vented liner construction seals as fire barriers in 36 mm cavities and voids of structures of materials given in the following table:

FB Cavity Vent Type	The materials of the 36 mm wide cavity	Dimensions of intumescent strip (mm)	Single or double strip	End seals	Fire Class ^{*)}
A ^{**)}	2" x 6" softwood	4.5 mm x 45 mm	double	Rockwool	EI 30
B ^{**)}	2" x 6" softwood	4.5 mm x 45 mm	single	Rockwool	EI 30
C	13 mm gypsum boards (Gyproc GN 13)	4.5 mm x 45 mm	double	Rockwool	EI 90
D	13 mm gypsum boards (Gyproc GN 13)	4.5 mm x 45 mm	single	Rockwool	EI 60
E	19 mm softwood and 12 mm fiber board	4.5 mm x 45 mm	single	Rockwool	EI 30
F	13 mm gypsum boards (Gyproc GN 13)	4.5 mm x 45 mm	double	Sealmaster Firefoam	EI 90
G	2" x 6" softwood	3.4 mm x 45 mm	single	Rockwool	EI 30

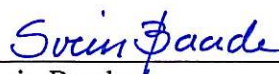
^{*)} FB Cavity Vent Type A-G can be applied in cases where fire class given in the table above is required according to CEN.


^{**)} A splice was included between two twin rolls.

Basis of tests

and test reports: Test report 103011.11 dated 2009-03-27 from SINTEF NBL as according to NS-EN 1366-4:2006.

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