


C E R T I F I C A T



We hereby certify that

AS Viljandi Aken ja Uks

Place of manufacture: Viljandi, Estonia

holds certification licence for -marking of

Brannteknisk klassifiserte dører

complies with the requirements specified in

NS 3919:1997

The scope and conditions of the product certification are specified
in the valid edition of the certification licence

Oslo, 2013-09-05

First time issued: 09.12.2003
Licence no: 1050

A handwritten signature in blue ink, reading 'Ole Morten Weng'.

Ole Morten Weng
Nemko AS

Enclosure no. 5 to certification licence no. 1050 with date of issue 2003-12-09 for NS-marking of doors. Classification of resistance to fire. (Edition 4)

Product name: FD19 / FD19 EX1

Type of product: Wooden door, internal fire resistant door

Classification: B 30/B 30S

Product description: Single leaf wooden door with maximum size of frame: w x h = 990 x 2090 mm. Door leaf, w x h x t = 925 x 2047 x 53 mm constructed of a frame of softwood, density 400-450 kg/ m³, filled with chipboard core Sauerland VL13, density ca. 560 kg/ m³ and covered with sheet material MDF 6 mm, density 790 kg/ m³. Sheet material is glued with urea formaldehyde glue.
The door edges can be constructed with soft wood or hardwood edges.
Door frame of softwood, density 400-450 kg/ m³. Intumescent seal, Palusol, in all sides of the door frame and threshold.
Hardwood threshold, density ca. 650 kg/ m³, or a mechanical threshold designated Planet FT. Sealing strip Ø 10 mm, OT-Kuimi OY, in the door frame and threshold.
3 hinges type 3248-110. Lock type ASSA 565, and striking plate ASSA 1887-2.
The door may have an extra lock 400 mm above the ordinary lock. The door may also have a door eye with the maximum dimension Ø 16 mm and a door closer type "DC 405" from ASSA Abloy. Lock cable in tube.
The door may have a glazing maximum w x h = 269 x 1055 mm, glass type Pyrobel EI 30 16 mm or Fireswiss foam 15 mm.
The doors are produced according to the drawings:
"Fire resistant and sound insulation door **FD19** door 1, drawings no.1, 2 and 3, all of 2011-12-23.
And **FD19** EX1, drawings no. 1, 2 and 3, all of 2011-12-23.
According to assessment PX17607-1 rev. 1 of 2013-06-28 the drawings: "Door FD19, view", "DoorFD19, AA"and "Door FD19, HH", all of 03.12.2012. And in addition "Fire resistant and sound insulation door FD19 EX1" drawings 1, 2 and 3 of 02.09.2011.
Installation instruction: "Monteringsanvisning brann- og lyddør, nr. 3 / 18.11.2011"
Alternative mounting according to "TEMA mounting system" Nr28/30.05.2013.

Test certificate: Assessment report PX17607-1 of 2012-02-06, based on the 3 test reports referred to, assessment PX17607-1 rev. 1 of 2013-06-28. Assessment 3P01348-5 of 2013-08-26 (TEMA mounting system). All from SP Technical Research Institute of Sweden.

Validity: Up to 2017-03-31. (Ref. item 3 in SBC NO 021E). The validity of the license is primary dependent on that the certification is compatible with European requirements in force.

Marking: The product shall be marked with NS-marking, classification, license number of certification (licencees identity number) and production number or time of production. Glass type and thickness.

Remark: Validity and extent of the licence will at any time appear from the product list available at Nemko's homepage www.nemko.com

The enclosure consists of 1 page.



Nemko AS

S E R T I F I K A T



Det bekreftes herved at

AS Viljandi Aken ja Uks
Produksjonssted: Viljandi, Estonia

innehar sertifiseringslisens for **NS**-merking av

Lydisolerende dører

i overensstemmelse med kravene i

NS 3150:1990

Produktsertifiseringens omfang og vilkår fremgår av gyldig sertifiseringslisens

Oslo, 2013-09-06

Første gang utstedt: 09.12.2003
Lisens nr: 1051

A blue ink signature of Ole Morten Weng.

Ole Morten Weng
Nemko AS

**Enclosure no. 5 to certification licence no. 1051 of 2003-12-09 for NS-marking of doors.
Classification of sound insulation (Edition 2)**

Product name: FD19

Type of product: Wooden door, internal fire resistant and sound insulation door

Classification: 35 dB

Product description: Single leaf wooden door with maximum size of frame: w x h = 990 x 2090 mm. Door leaf, w x h x t = 925 x 2047 x 53 mm constructed of a frame of softwood, density 400-450 kg/ m³, filled with chipboard core Sauerland VL13, density ca. 560 kg/ m³ and covered with sheet material MDF 6 mm, density 790 kg/ m³. Sheet material is glued with urea formaldehyde glue.
Door frame of softwood, density 400-450 kg/ m³. Intumecent seal, Palusol, in all sides of the door frame and threshold.
Hardwood threshold, density ca. 650 kg/ m³, or a mechanical threshold designated Planet FT. Sealing strip Ø 10 mm, OT-Kuimi OY, in the door frame and threshold.
3 hinges type 3248-110. Lock type ASSA 565, and striking plate ASSA 1887-2.
The door may have an extra lock 400 mm above the ordinary lock. The door may also have a door eye with the maximum dimension Ø 16 mm.
The doors are produced according to the drawings:
"Fire resistant and sound insulation door "**FD19**" door 1, drawings no.1, 2 and 3, and "**FD19**" door 2, drawings no. 1, 2 and 3, all of 2011-11-09.

Mounting instruction: "Monteringsanvisning brann- og lyddør, nr. 3 / 18.11.2011"

Test certificate: Test reports PX16622-B (hardwood threshold) and -D (mechanical threshold Planet FT), both of 2011-11-16 from SP Technical Research Institute of Sweden.

Marking: The product shall be marked with NS-marking, classification, license number of certification (licencees identity number) and production number or time of production.

Remark: Validity and extent of the licence will at any time appear from the product list which is available at Nemko's homepage www.nemko.com

The enclosure consists of 1 page.



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