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

<b>Name of product:</b>	FD14
<b>Type of product:</b>	Single leaf wooden door
<b>Classification:</b>	B 30/B 30S
<b>Description:</b>	<p>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 2040 x 63 mm constructed of a frame 53,8 x 44 mm of softwood, pinewood density 400-450 kg/m<sup>3</sup>. The door leaf was insulated with Rock wool 28 mm with density ca. 560 kg/m<sup>3</sup> and softwood 28 x 36 mm, density 400-450 kg/m<sup>3</sup>. On both sides of the core: 2 x 6 mm chipboard, density ca. 650 kg/m<sup>3</sup>. Aluminium sheet 0,4 and then 4 mm HDF, density ca. 970 kg/m<sup>3</sup>. Glue between the layers.</p> <p>Door frame 42/30 x 104 mm of pinewood, density ca. 400-500 kg/m<sup>3</sup>. With intumecent seal "Palusol" 3,5 x 15 in all sides of the door frame. Threshold of hardwood, density ca. 650 kg/m<sup>3</sup>. 3 hinges 110 x 36 type KSS, Abloy. Alternative hinges, type ASSA Abloy 110x36KS and 3248-110TMSS.</p> <p>Locks type ASSA Abloy 565, 8765, 410, 2000 and 2002. Striking plates type ASSA Abloy 1887-2, 1487 and LP712. The door can be mounted with a door closer type DC 405 from ASSA Abloy.</p> <p>The door may be equipped with a door eye designated Y180 with max Ø16mm. The doors are produced according to the drawings: Fire resistant and sound insulation door "FD14" no. 1 of 08.04.2011, Fire resistant and sound insulation door "FD14" with extras, 2/7 "Cutting H" and 3/7 "Cutting B and A", both of 13.02.2013. <b>Alternative threshold</b> according to drawing VU/t1/SI of 12.07.2011.</p> <p>To be mounted according to installation instruction "Monteringsanvisning brann- og lyddør, nr. 3 / 18.11.2011". Alternative mounting according to "TEMA mounting system" Nr28/30.05.2013.</p>
<b>Test reports:</b>	Report PX08581-3 of 2011-04-12 and Assessment PX08581-11 (alternative threshold) of 2011-08-25. Assessment 3P01348-1 rev. of 2013-06-28 (alternative locks and striking plates, door eye, alternative hinges and door closer) and assessment 3P01348-5 of 2013-08-26 (TEMA mounting system). All from SP Technical Research Institute of Sweden.
<b>Marking:</b>	The product shall be marked with <u>NS</u> -marking, classification, licence number of certification (licensees identity number) and production number or time of production.
<b>Validity:</b>	Up to 2016-05-31. (Reference is made to item 3 in SBC NO 021E). The validity of the licence is primary dependent on that the certification is compatible with European requirements in force.
<b>Remark:</b>	Validity and extent of the licence will at any time appear from the productlist available at Nemko's homepage <a href="http://www.nemko.com">www.nemko.com</a>

The enclosure consists of 1 page.



**Nemko AS**