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## Statement on the fire resistance of series Kaso PK- fire safes and FC- cabinets

**Request** The client requested a statement concerning the fire resistance of series Kaso PK- and FC- cabinets which are listed in the following table 1.

*Table 1. Dimensions of PK and FC -cabinets*

Model of cabinet	External dimensions of cabinet [mm]			Internal dimensions of cabinet (drawers in FC cabinet) [mm]			Weight [kg]
	Height	Width	Depth	Height	Width	Depth	
PK 105	514	404	440	410	300	300	60
PK 120	960	655	560	780	475	350	231
PK 160	1630	775	650	1450	595	440	494
FC 20	722	528	675	254	384	505	167
FC 30	1064	528	675	254	384	505	247
FC 40	1406	528	675	254	384	505	327

**Background** SP Certificates No. 164901, 164903 and 164905 as well as test reports which are background these certificates support this statement. The client has confirmed that above mentioned products are identical with tested cabinets.


According to the Nordtest method NT FIRE 017 if construction of a filing cabinet is identical and the external volume is not less than half and not more than double than the tested filing cabinet so classification of the filing cabinet is as tested.

**Statement** On the basis of the test results and the Nordtest method NT FIRE 017 we state as our opinion that classifications of cabinets are as follows:

- PK 105: Fire resistant filing cabinet NT FIRE 017 - 60 Paper
- PK120 and PK160: Fire resistant filing cabinet NT FIRE 017 - 120 Paper
- FC20, FC30 and FC40: Fire resistant filing cabinet NT FIRE 017 - 60 Paper

**Annotation** Construction of cabinets shall be according to the SP certificates No. 164901, 164903 and 164905. Construction drawings of cabinets are stored in the VTT archive with a file of this statement. If any changes are made to the construction of the cabinet this statement is not valid. This statement is not an approval of a product but an evaluation of the fire resistance of these constructions.

Espoo, 8 June 2005

  
Matti Lanu  
Research Manager

  
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