

# FIRE RESISTANT CABINET

MOEM®

MOEM series of fire resistant cabinet offers protection for valuables against fire. MOEM series of fire resistant cabinet are the result of extensive research & development, designed to fulfill international standards. MOEM series of fire resistant cabinet is tested and certified by SP Technical Research Institute of Sweden based on fire resistance classification NT Fire 017 that is recognized internationally.



## Features:-

### Protective thickness of door & body

Overall thickness of door and body measures 50mm thickness comprising of MOEM special fire resistant barrier material encased between electro-galvanized steel (EG) door and body.

### Individual compartment

Inner compartment is designed individually. The independent concept allows individual protection against fire should any drawers be left open in case of fire.

### Heavy duty metal railing

The drawers are suspended on heavy duty metal railings with metal bearing rollers for added strength and durability. The drawers are capable of taking weight up to 80kgs UDL. The heavy duty railings are rainbow coated for resistance against rust.

### Double tongue & groove construction

The advanced S-design construction between body and drawer front prevents the passage of flame. Intumescent strips are used for added protection against the passage of flame.

### Locking system

The fire resistant cabinet is secured by key lock and keyless combination lock (central locking). The drawers are also fitted with flip lever that allows overriding of central locking for individual control options. Individual key lock and digital lock are available as option.

### Plinth & Handle

A special shock absorbing plinth is designed to break the fall. External user-friendly press button handle is designed to allow maximum insulation without compromising protective thickness of door. Aesthetic look, ease of operation, user friendliness and injury free usage has been taken into consideration.

### Finishes

Epoxy Powder Coated



Certificate No:  
466302



Key Lock & Combination



Dual Key Lock



Twin Deck Drawer



Key Lock



Digital Lock

## Test Summary:-

Fire endurance test was conducted in Europe in accordance to test specification NT-Fire 017 (edition 2) by SP Technical Research Institute of Sweden. The furnace was heated up according to standard time-temperature curve in accordance to SIS 02 48 20. Furnace highest recorded temperature achieved 991.35 °C (temperature rise). The maximum temperature rise after 60 minutes was 114°C. Test result under classification NT-Fire 017-60 Paper was satisfactory.

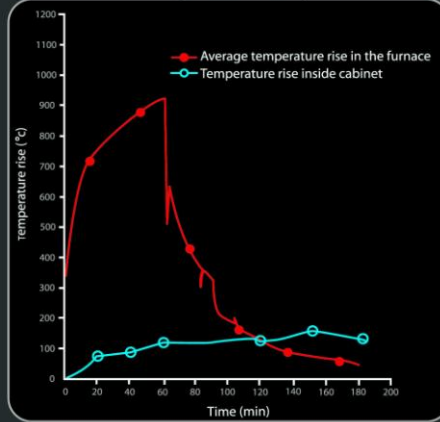
\*Note: OEM manufacturing process is certified by SP Technical Research Institute of Sweden

\*Test report available upon request.



SP Technical Research Institute of Sweden

Average Temperature Curve 3 Hours  
(Fire & Soak out)



3 Hours Fire & Soak Out Test



Actual Burning of Test Object



After Test



After Test (180mins),  
plastic sticker still intact

Model	External Dimension	Weight
FRC 2 ( 2 drawers)	826mmH x 530mmW x 770mmD	192Kgs
FRC 3 ( 3 drawers)	1188mmH x 530mmW x 770mmD	260Kgs
FRC 4 ( 4 drawers)	1550mmH x 530mmW x 770mmD	360Kgs
Internal Dimension		
Drawer	292mmH x 386mmW x 635mmD	

\*Note: Permissible deviation is  $\pm 10\%$  for weight

\*Standard color light grey ( Epoxy Powder Coated)