



- ✓ Fire rated up to 150 minutes!
- ✓ Fast and safe!
- ✓ Flexible sensor!

- ❖ Use shutter slats made of hot-dip galvanized steel with thickness of 0.8mm/1.2mm. Shutter slats are shaped like ocean waves, suitable for door's sizes ranging from average to large.
- ❖ Shutter can minimize intrusion from outside. Also, shutter can identify areas of fire, prevent fire spread within 150 minutes. These Fire Rated Shutters are applicable in multi-storey buildings, factories, hospitals, offices, etc.
- ❖ Operation can be done manually or by electricity (shutter is always open but automatically closes in case of fire).

**STANDARD COLORS OF PAINT**



Accessories:



Fire resistant slats



Japanese motor



Fire protection sensor



PBS monitor



UPS (Uninterruptible Power System)



- ❖ Use shutter slats made of hot-dip galvanized steel with thickness of 1.6 mm. Smoke insulation shutters are applicable in spacious areas such as underground shopping malls, apartment buildings, etc.
- ❖ Fire/Smoke Insulation Shutter is a combination of Fire Rated Shutter, Fire Rated Steel Door, Exit Door, Fire Rated Screen, Fire Insulation Wall, and Smoke/heat sensor.



**STANDARD COLORS OF PAINT**



- ❖ Working mechanism:
  - + PBS monitor
  - + In case of fire, shutter automatically closes upon receiving fire alert or can be manually closed by pressing the emergency button on PBS monitor
  - + Remote control (electric lock)
- ❖ With standard installation, damage prevention device can prevent blocking accidents. When people still go through the door, the shutter automatically stops and only shuts down after everyone has passed successfully.

