

Vault panels

Main Product Line-Up

1

Bases of vault panel are mounted on the floor.



2

Vault panels are built up in order from the corner.



3

The all wall panels erecting procedure is finished.



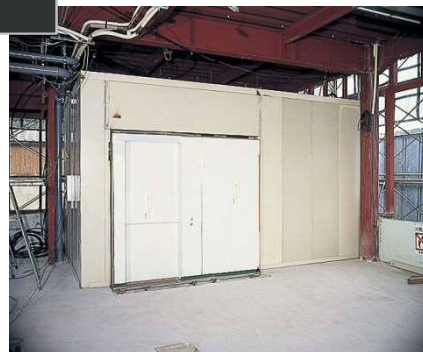
4

All ceiling panels are set up.



5

Vault door is installed.



6

Completed after finishing operation.



Category and Classification of Burglar-resistance

Designation	Class	Test Time
Anti-torch & Anti-tool (for vault room)	TRTLV-30	30min
	TRTLV-35	35min
	TRTLV-40	40min
	TRTLV-50	50min
	TRTLV-60	60min
	TRTLV-70	70min
	TRTLV-90	90min
	TRTLV-110	110min
	TRTLV-130	130min
TRTLV-150	150min	
Anti-tool (except for vault room)	TLV-15	15min

TR: Torch, TL: Tool, V: Vault

Category and Classification of Fire-resistance

Designation	Class	Test Time	Allowable temperature
Vault room Record vault room (for paper)	0.5PH	30min	Less than 177°C
	1PH	1hour	
	2PH	2hours	
	3PH	3hours	
	4PH	4hours	
Gallery vault room (for cultural property and art)	0.5CH	30min	Less than 80°C
	1CH	1hour	
	2CH	2hours	
	3CH	3hours	
	4CH	4hours	

P: Paper, C: Cultural properties, H: Hour



SMV-120c	
Burglar resistance	TRTLV-130
Fire resistance	3PH
Net weight	275kg/m ²
Height	H2421mm H2721mm
Net thickness	120mm

Basic Panel Dimension

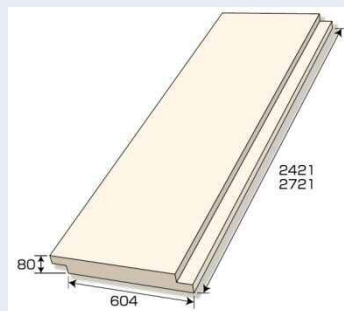
MV-120K/Sc	
Burglar resistance	TRTLV-60
Fire resistance	4PH
Net weight	216kg/m ²
Height	H2421mm H2721mm
Net thickness	120mm

Basic Panel Dimension

MV-8030c

Burglar resistance	TRTLV-60
Fire resistance	2PH
Net weight	187kg/m ²
Height	H2421mm H2721mm
Net thickness	80mm

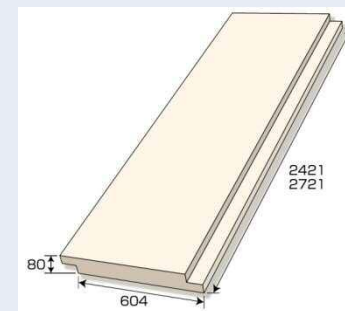
Basic Panel Dimension



MV-8025

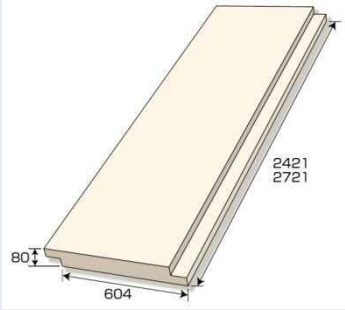
Burglar resistance	TRTLV-40
Fire resistance	2PH
Net weight	110kg/m ²
Height	H2421mm H2721mm
Net thickness	80mm

Basic Panel Dimension



MV-80b	
Burglar resistance	Equivalent RC200mm
Fire resistance	2-hour
Net weight	90kg/m ²
Height	H2421mm H2721mm
Net thickness	80mm

Basic Panel Dimension

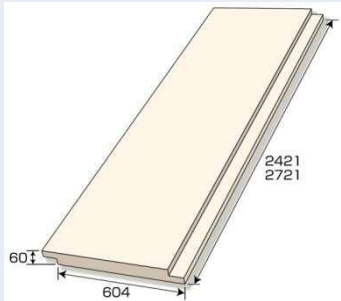


The diagram illustrates a perspective view of a rectangular vault panel. The panel is light yellow with a grey border. Dimension lines indicate the following measurements: a thickness of 80mm, a width of 604mm, and two possible heights of 2421mm and 2721mm.

PV-60c

Burglar resistance	TLV-15
Fire resistance	2PH
Net weight	104kg/m ²
Height	H2421mm H2721mm
Net thickness	60mm

Basic Panel Dimension



PV-60Lc

Burglar resistance	-
Fire resistance	2PH
Net weight	70kg/m ²
Height	H2421mm H2721mm
Net thickness	60mm

Basic Panel Dimension



Type	Net thickness	Fire resistance	Burglar resistance
SMV-120c	120	3PH	TRTLV-130
MV-120K/Sc	120	4PH	TRTLV-60
MV-8030c	80	2PH	TRTLV-60
MV-8025	80	2PH	TRTLV-40
MV-80b	80	2-hour	Equivalent RC200mm
PV-60c	60	2PH	TLV-15
PV-60Lc	60	2PH	-