

2

**MARINE FIRE
WALL PANEL & CEILING PANEL**

**Ships'
Accommodation
Catalogue**

Sungmi



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PANEL & CEILING PANEL

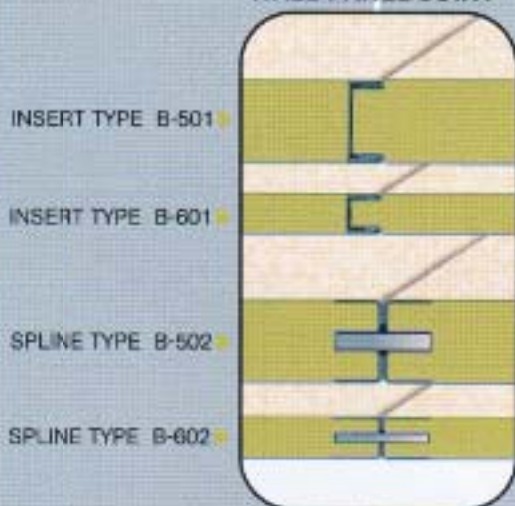
Sungmi



SUNG MI ACCOMMODATION SYSTEM

Wall panel and ceiling panel of SUNG MI were immediately passed with strict fire retardant test for simple installation, physical intensity, and protection of temperature according to International Convention for The Safety of Life At Sea by IMO's Regulation. It is also that the panels were approved by many foreign authorities. High quality mineral wool, crosswise arranged, inserted into galvanized steel sheet of 0.6mm which is finished with P.V.C film. Standard wall panel of SUNG MI will be certainly helpful to the reduction of labor/hour at any ship's yard because the panels were installed by its own without previous joint profile type.

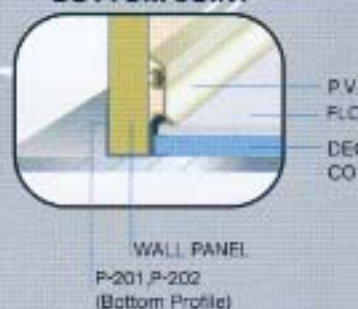
WALL PANEL JOINT



CORNER



BOTTOM JOINT



ING PANEL JOINT



NO GAP TYPE
C-601, C-603

CORRUGATION TYPE
C-602, C-604

P-401
LIGHT
CEILING PANEL

LIGHT JOINT



TOP JOINT



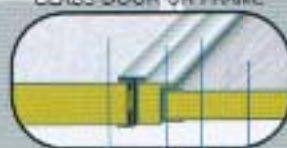
P-101
P-304(TRIM)
WALL PANEL

P-101(TOP PROFILE)
TOP PIECE FRAME
P-304(TRIM)

FRAME JOINT

SUNG MI B-15, B-0 (Z-TYPE)
CLASS DOOR OR FRAME

SUNG MI A-60, A-O (BOX-TYPE)
CLASS DOOR & FRAME



JOINT ANGLE
FRAME
DOOR

DOOR
FRAME
JOINT PROFILE
WALL PANEL

WALL PANEL

CORNER JOINT



WALL PANEL
P-212
(CORNER PROFILE)

WALL PANEL



B-501 B-15 STANDARD PARTITION INSERT PANEL

B-501B B-15 HI-NOISE INSERT PANEL

B-501C B-15 CABLE CONDUIT INSERT PANEL

B-601 B-O STANDARD LINING INSERT PANEL

B-602 B-O STANDARD LINING SPLINE PANEL

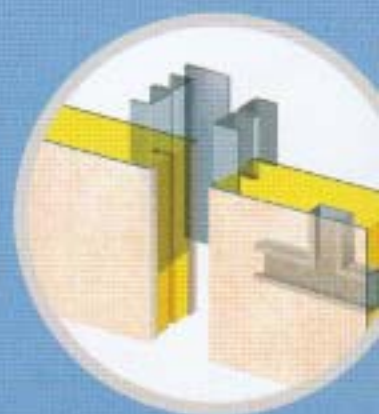
B-502 B-15 STANDARD PARTITION SPLINE PANEL

B-502B B-15 HI-NOISE SPLINE PANEL

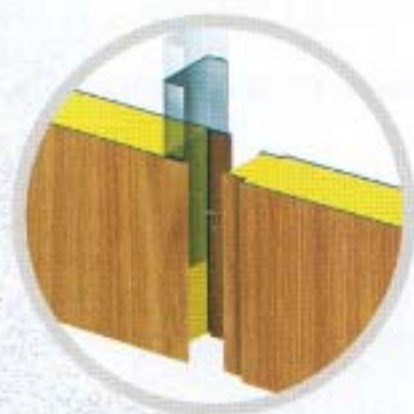
B-502C B-15 CABLE CONDUIT SPLINE PANEL

B-701 A-60 STANDARD DOUBLE SPLINE PANEL

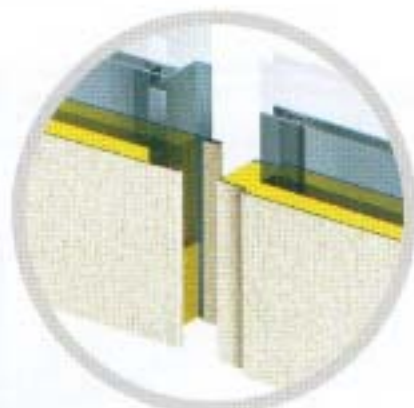
A-60F A-60 FIRE CLASS FLOATING FLOOR



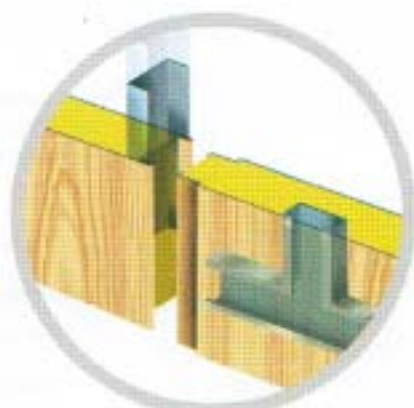
B-502C



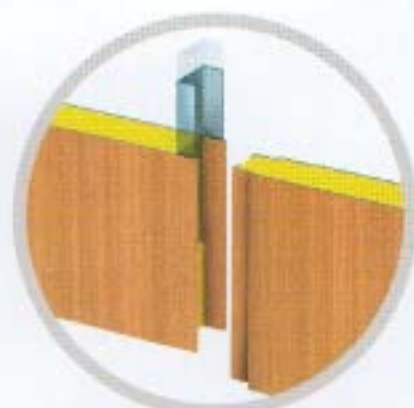
B-501



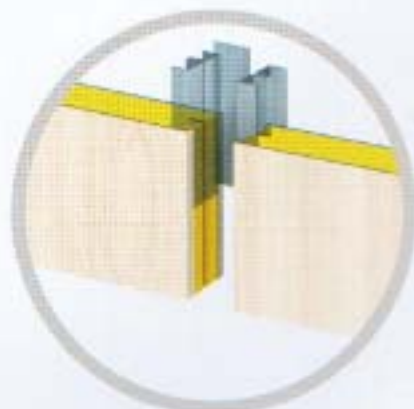
B-501B



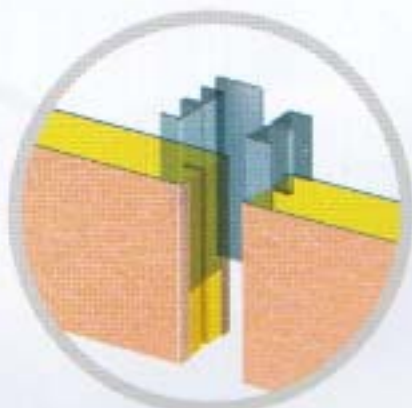
B-501C



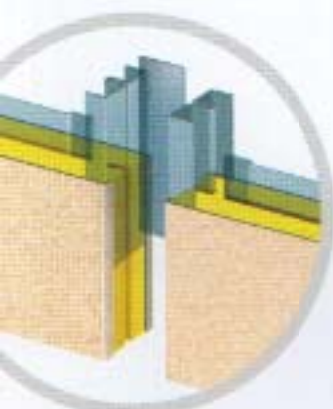
B-601



B-602



B-502



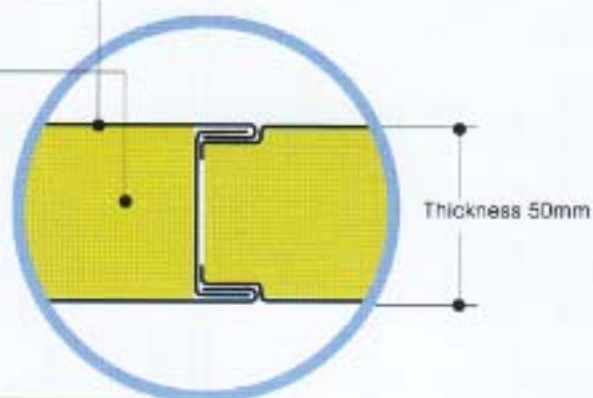
B-502B

TYPE No. B-501

B-15 STANDARD PARTITION INSERT PANEL

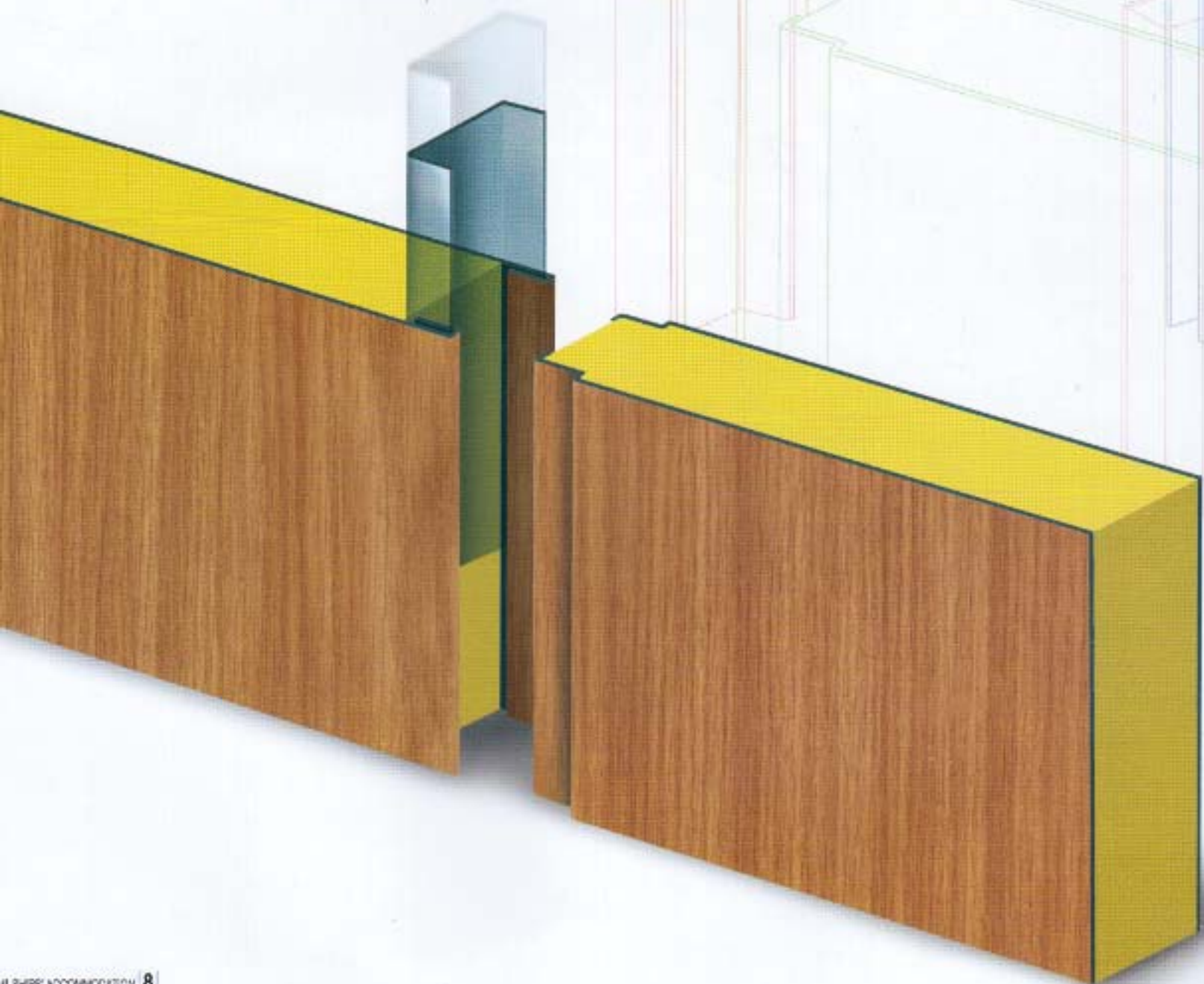
0.6mm Thickness of steel sheet
finished with PVC film or Galvanized

Mineral wool of Density 140kg/m³



Technical Specification

Description	B-501
Fire class	B-15
Thickness	50mm
Surface Material	0.15mm PVC-film
Material	0.6mm Galvanized steel
Insulation	Mineral wool 140kg/m ³
Dimension	100-550 × Req.length (Max.3600mm)
Weight	18.5 kg/m ²
Sound reduction	33dB
Heat Transmission	0.58kcal/m ² ·h·°C

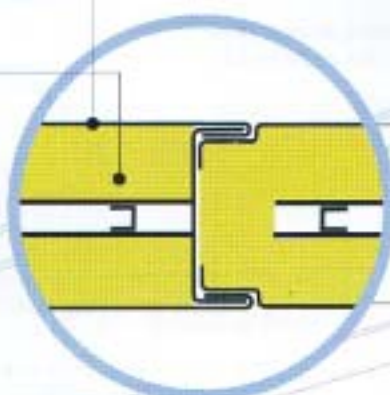


TYPE No. B-501B

B-15 HI-NOISE INSERT PANEL

0.6mm Thickness of steel sheet
finished with PVC film of Galvanized

Mineral wool of Density 140kg/m³



Thickness 50mm

Technical Specification

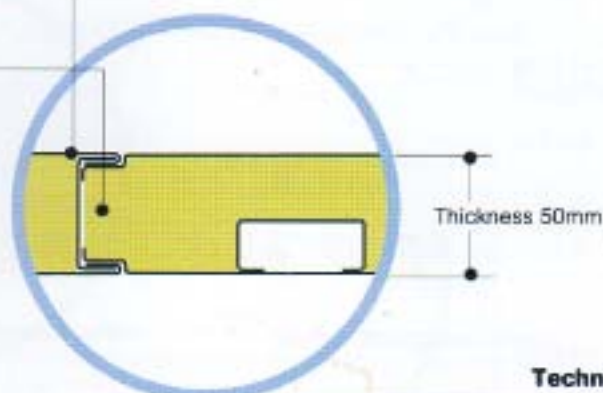
Description	B-501B
Fire class	B-15
Thickness	50mm
Surface Material	0.15mm PVC-film
Material	0.6mm Galvanized steel
Insulation	Mineral wool 140kg/m ³
Dimension	100-550 × Req.length (Max.3600mm)
Weight	25.7 kg/m ²
Sound reduction	44dB
Heat Transmission	0.58kcal/m ² .h. °C

TYPE No. B-501C

B-15 CABLE CONDUIT INSERT PANEL

0.8mm Thickness of steel sheet
finished with PVC film of Galvanized

Mineral wool of Density 140kg/m³



Technical Specification

Description	B-501C
Fire class	B-15
Thickness	50mm
Surface Material	0.15mm PVC-film
Material	0.6mm Galvanized steel
Insulation	Mineral wool 140kg/m ³
Dimension	100-550 × Req.length (Max.3600mm)
Weight	19.5 kg/m ²
Sound reduction	33dB
Heat Transmission	0.58kcal/m ² .h. °C

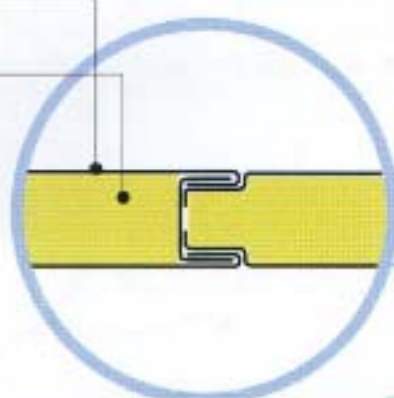
Height of vertical
Conduit to be
informed before
manufacturing

TYPE No. B-601

B-O STANDARD LINING INSERT PANEL

0.6mm Thickness of steel sheet
finished with PVC film of Galvanized

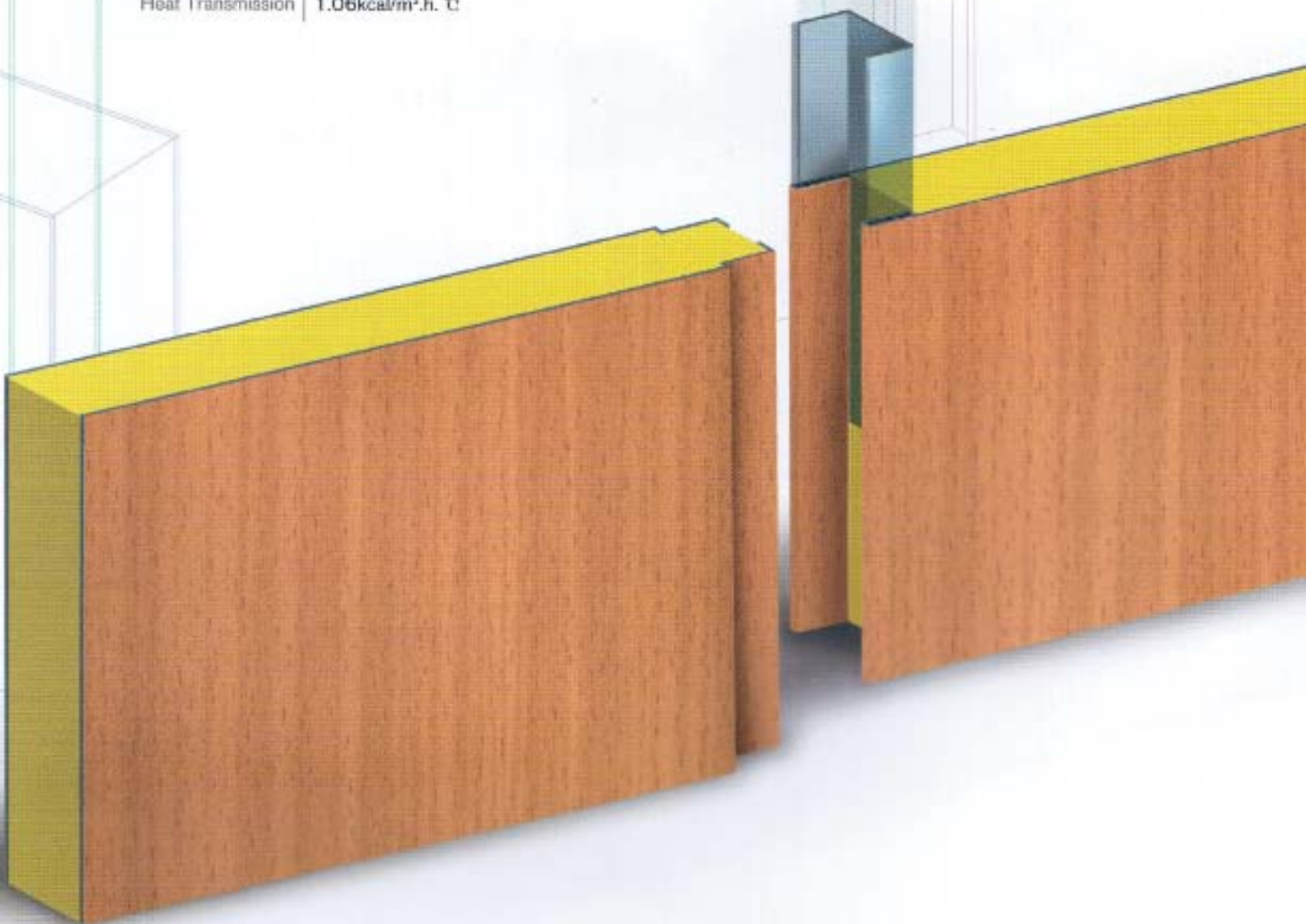
Mineral wool of Density 120kg/m³



Thickness 25mm

Technical Specification

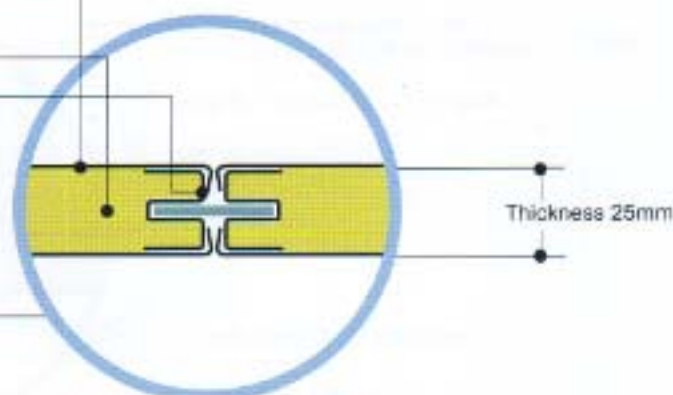
Description	B-601
Fire class	B-0
Thickness	25mm
Surface Material	0.15mm PVC-film
Material	0.6mm Galvanized steel
Insulation	Mineral wool 120kg/m ³
Dimension	100-550 × Req.length (Max.3600mm)
Weight	14.8 kg/m ²
Sound reduction	32dB
Heat Transmission	1.06kcal/m ² .h. °C



TYPE No. B-602

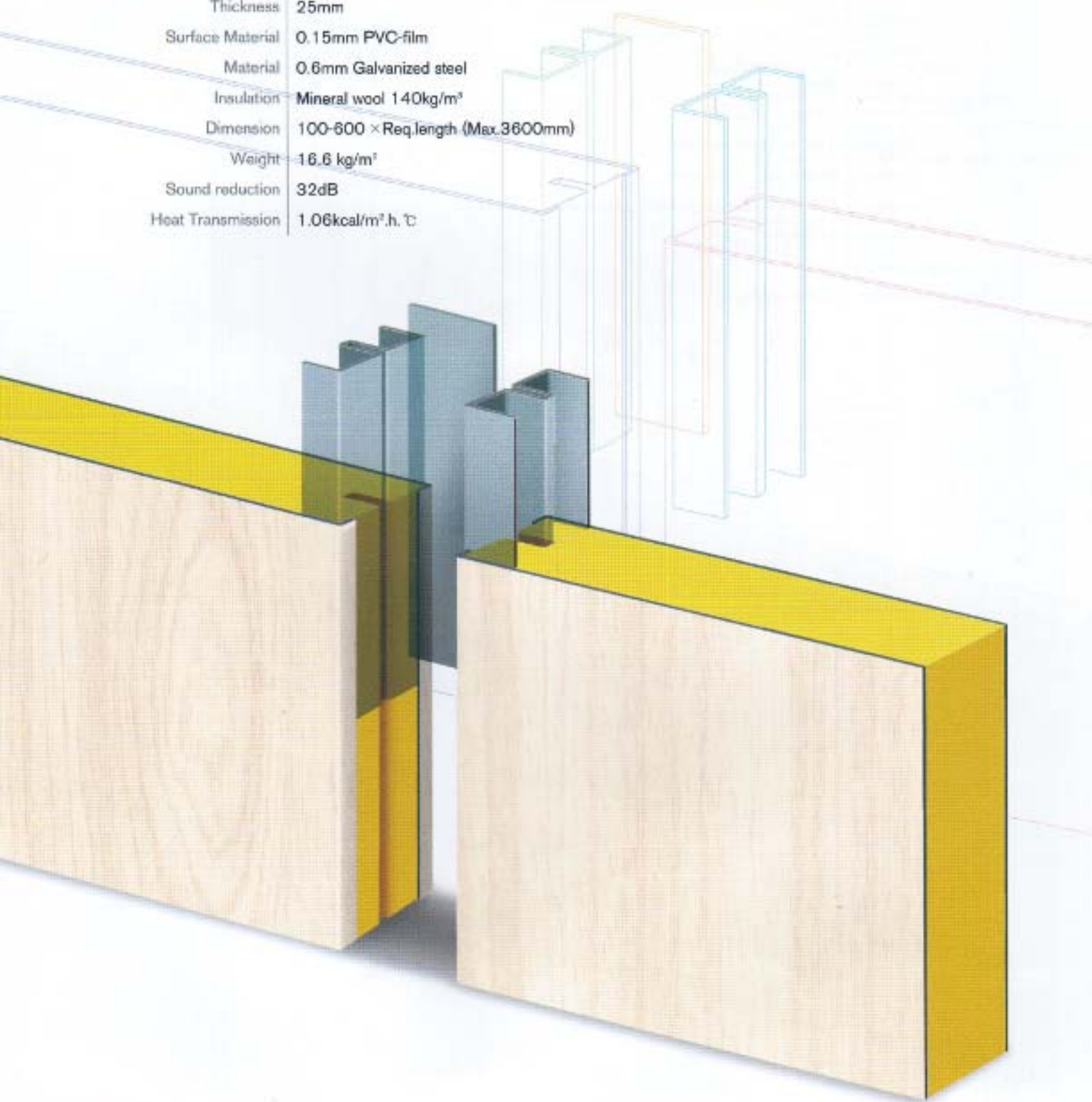
B-O STANDARD LINING SPLINE PANEL

0.6mm Thickness of steel sheet
finished with PVC film of Galvanized
Mineral wool of Density 140kg/m³
Support channel of 0.6mm thickness steel plate



Technical Specification

Description	B-602
Fire class	B-0
Thickness	25mm
Surface Material	0.15mm PVC-film
Material	0.6mm Galvanized steel
Insulation	Mineral wool 140kg/m ³
Dimension	100-600 × Req.length (Max.3600mm)
Weight	16.6 kg/m ²
Sound reduction	32dB
Heat Transmission	1.06kcal/m ² .h. °C



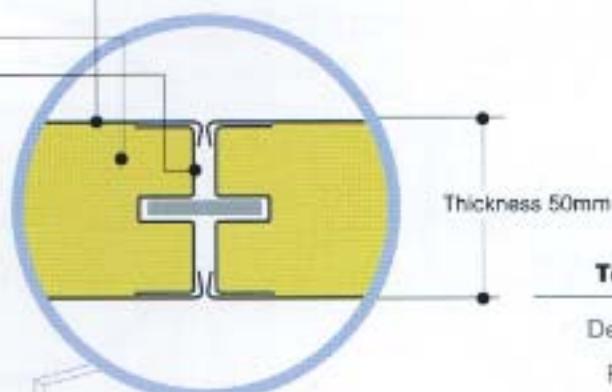
TYPE No. B-502

B-15 STANDARD PARTITION SPLINE PANEL

0.6mm Thickness of steel sheet
finished with PVC film of Galvanized

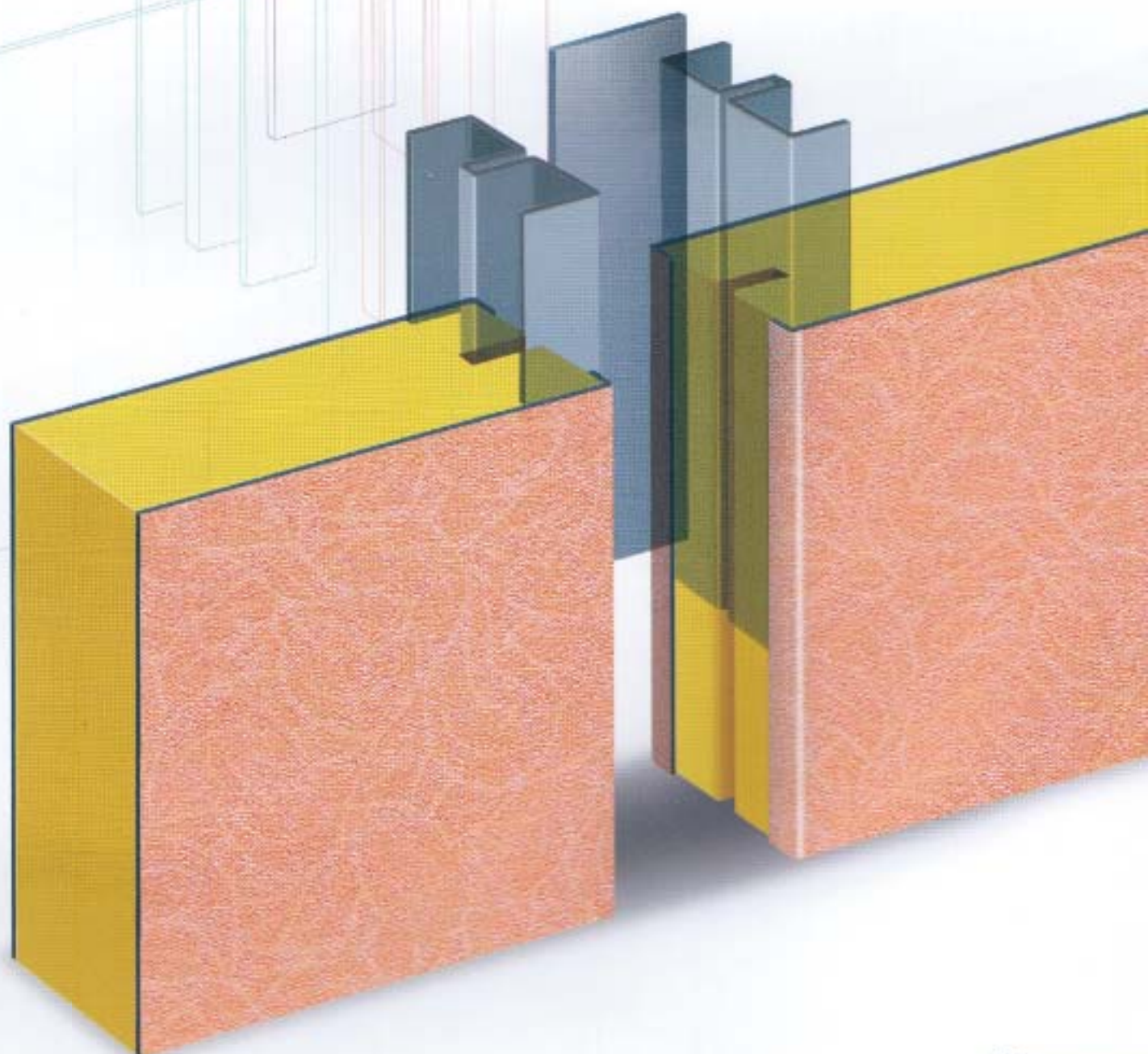
Mineral wool of Density 140kg/m³

Support Channel of 0.6mm Thickness
steel plate



Technical Specification

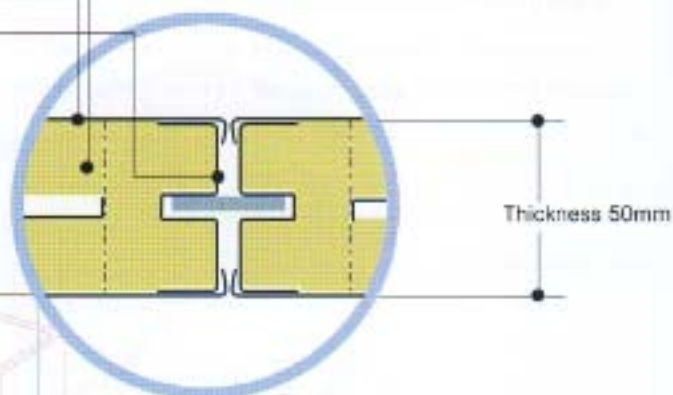
Description	B-502
Fire class	B-15
Thickness	50mm
Surface Material	0.15mm PVC-film
Material	0.6mm Galvanized steel
Insulation	Mineral wool 140kg/m ³
Dimension	100-600 × Req.length (Max.3600mm)
Weight	20.5 kg/m ²
Sound reduction	33dB
Heat Transmission	0.58kcal/m ² .h. °C



TYPE No. B-502B

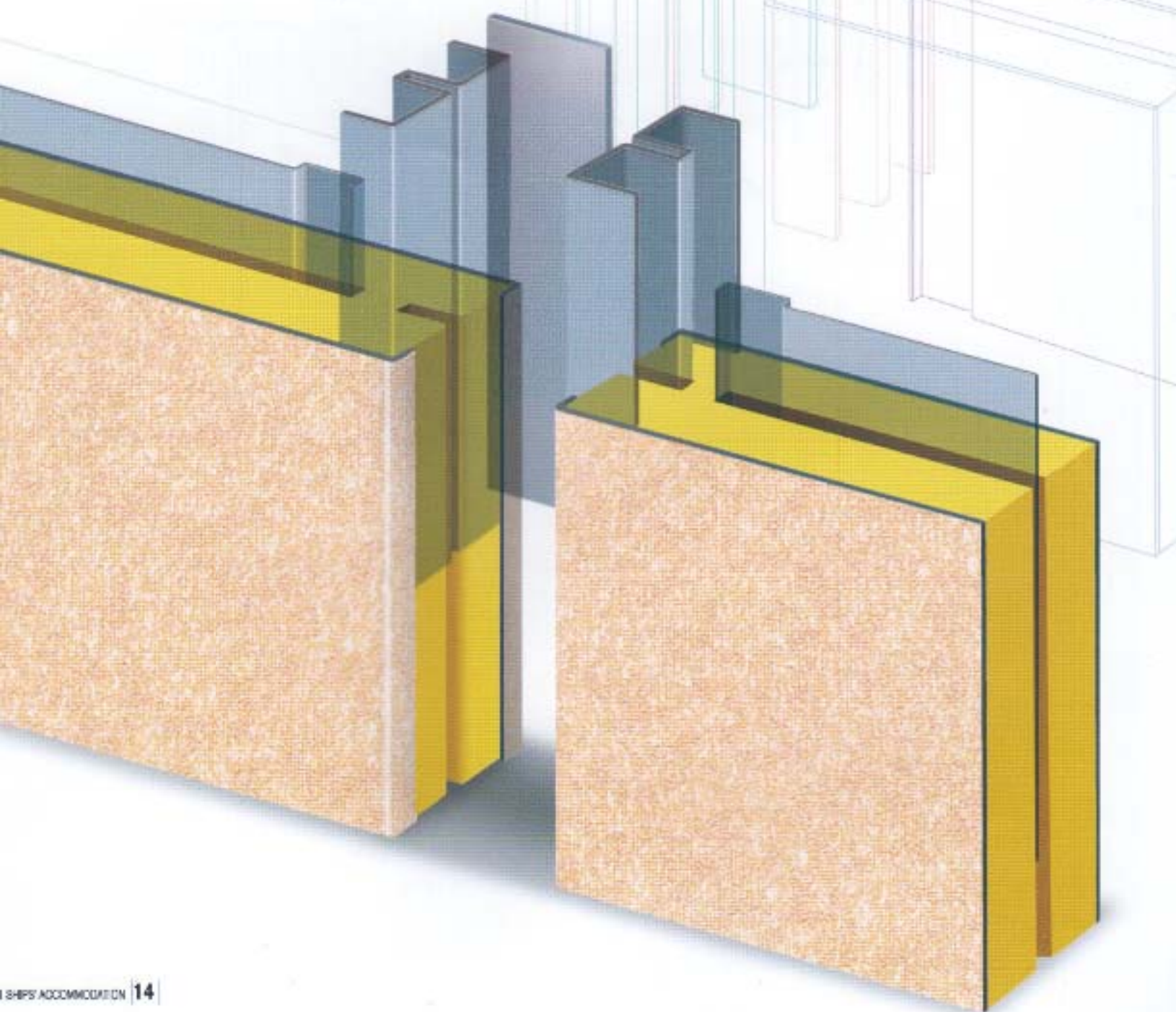
B-15 HI-NOISE SPLINE PANEL

0.6mm Thickness of steel sheet
finished with PVC film of Galvanized
Mineral wool of Density 140kg/m³
Support channel of 0.6mm thickness steel plate



Technical Specification

Description	B-502B
Fire class	B-15
Thickness	50mm
Surface Material	0.15mm PVC-film
Material	0.6mm Galvanized steel
Insulation	Mineral wool 140kg/m ³
Dimension	100-600 × Req.length (Max.3600mm)
Weight	27.7 kg/m ²
Sound reduction	44dB
Heat Transmission	0.58kcal/m ² .h.℃



TYPE No. B-502C

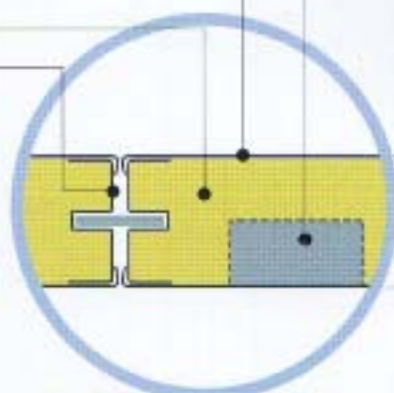
B-15 CABLE CONDUIT SPLINE PANEL

0.6mm Thickness of steel sheet
finished with PVC film of Galvanized

Mineral wool of Density 140kg/m³

Support Channel of 0.6mm Thickness
steel plate

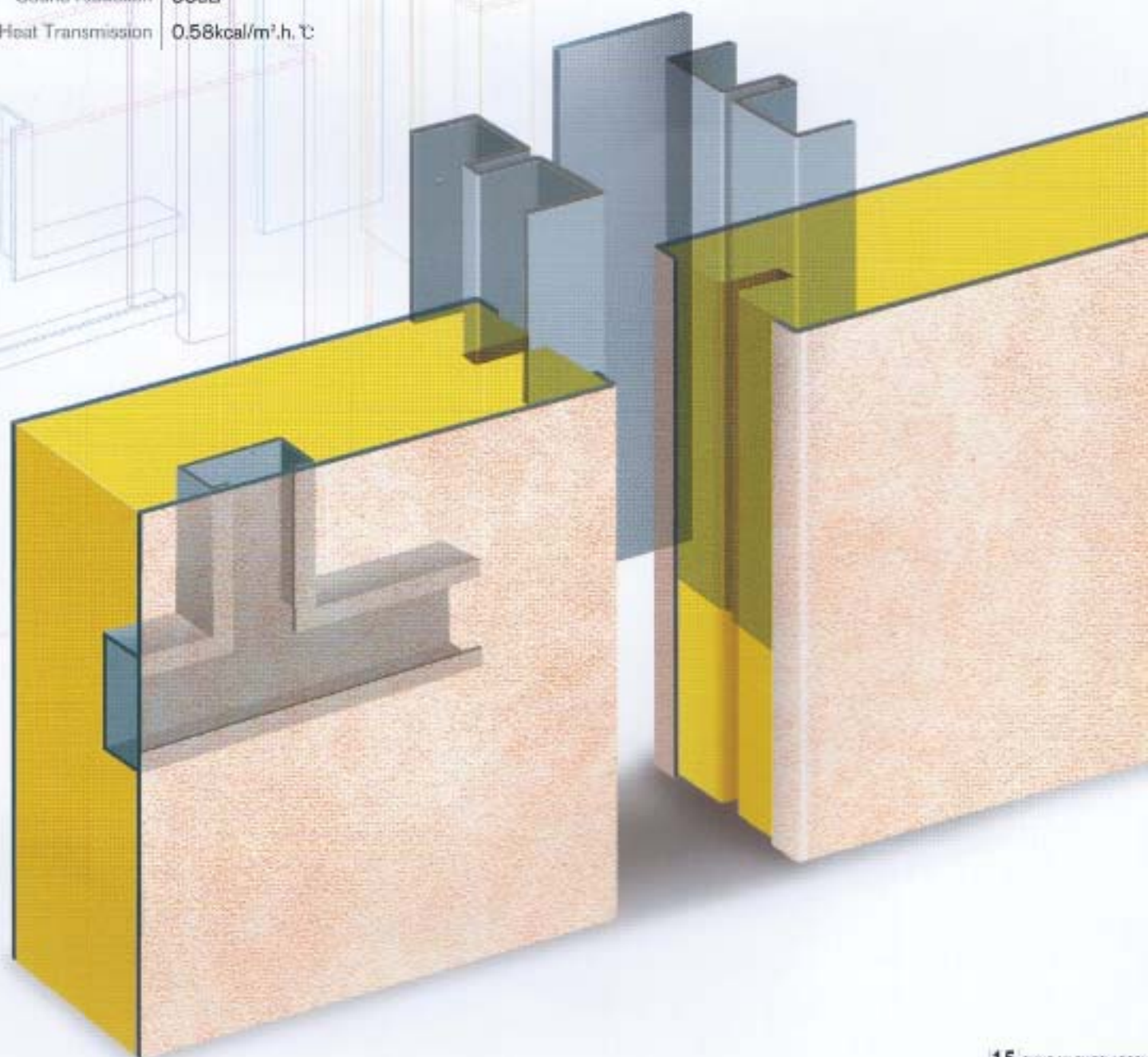
Height of vertical
conduit to be informed
before manufacturing



Thickness 50mm

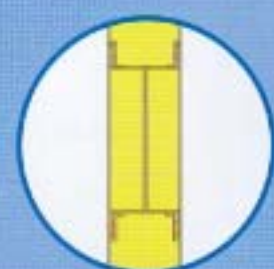
Technical Specification

Description	B-502C
Fire class	B-15
Thickness	50mm
Surface Material	0.15mm PVC-film
Material	0.6mm Galvanized steel
Insulation	Mineral wool 140kg/m ³
Dimension	100-600 × Req.length (Max.3600mm)
Weight	21.5 kg/m ²
Sound reduction	33dB
Heat Transmission	0.58kcal/m ² .h. °C



WALL PANEL

CUTTING PLAN AND INSTALLATION OF SUNG MI WALL PANEL



"Detail C"

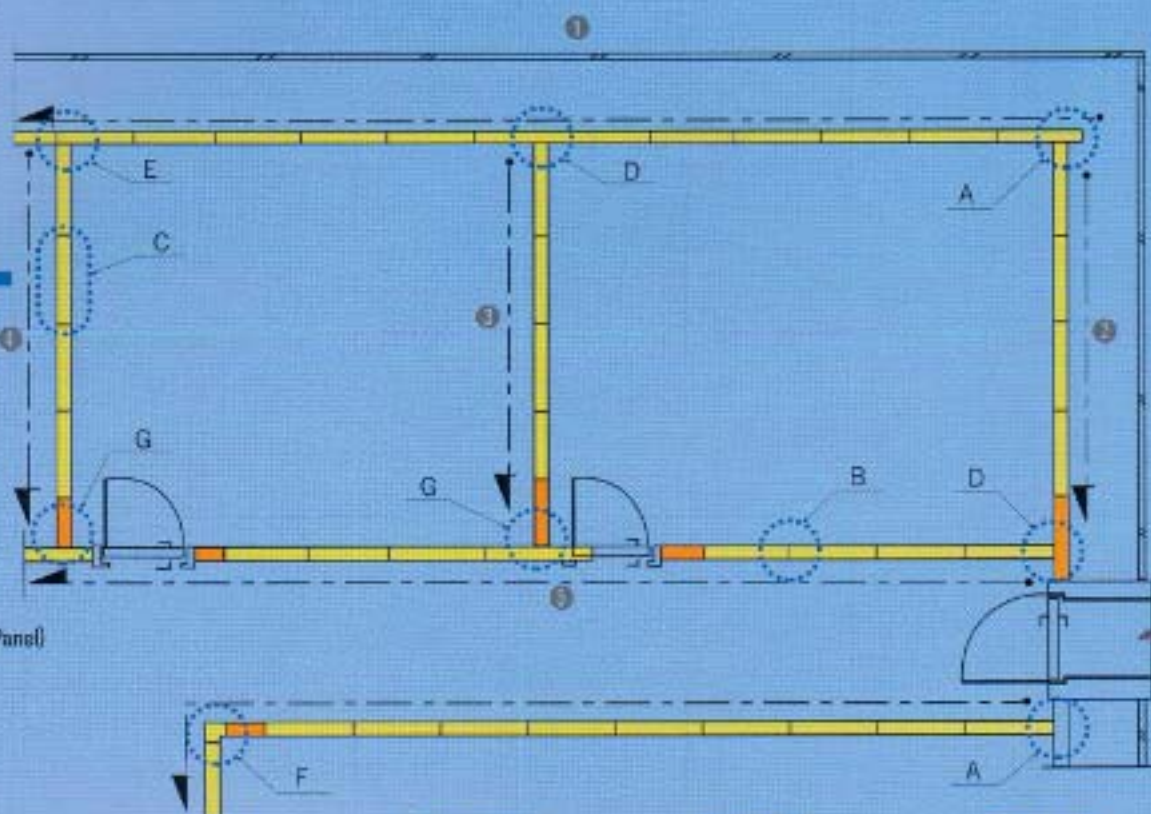
- A. Corner profile (P-217)
- B. Wall panel (B-501, B-502)
- C. Removable wall panel (Removable Panel)
- D. Corner profile (Option Type)
- E. Corner profile (P-206)
- F. Corner post profile (P-212)
- G. Corner profile (P-214)

600mm / 550mm standard width of SUNG MI wall panels.

Remainder panels which cutted for correct width.

direction for continuous installation of SUNG MI wall panel.

Start point of wall panels.



Corner profile "Detail F"

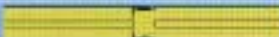


Top profile



Bottom profile

PRODUCTS LIST

MODEL NO.	SPARE	FIRE CLASS	WEIGHT	SOUND REDUCTION	TERMAL TRANSMITTANCE
B-501	 50t	B-15	17.5 kg/m ²	33dB	0.58 kcal/m ² h °C
B-501B	 50t	B-15	24.6 kg/m ²	44dB	0.58 kcal/m ² h °C
B-501C	 50t	B-15	18.5 kg/m ²	33dB	0.58 kcal/m ² h °C
B-502	 50t	B-15	18.5 kg/m ²	33dB	0.58 kcal/m ² h °C
B-502B	 50t	B-15	18.5 kg/m ²	44dB	0.58 kcal/m ² h °C
B-502C	 50t	B-15	18.5 kg/m ²	33dB	0.58 kcal/m ² h °C
B-601	 25t	B-0	13.5 kg/m ²	32dB	1.06 kcal/m ² h °C
B-602	 25t	B-0	13.5 kg/m ²	32dB	1.06 kcal/m ² h °C

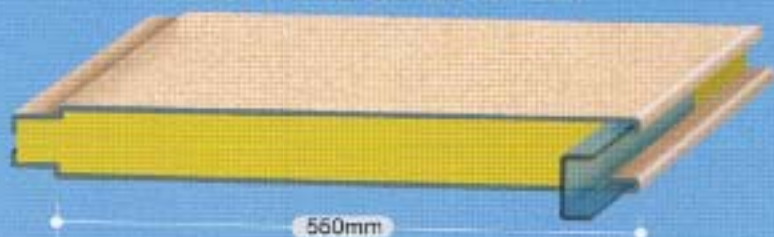
APPROVAL LIST

MODEL NO.	FIRE CLASS	SPECIFICATION	ABS	BV	CR	DNV	GL	JG	KR	LR	MSA	NK	CE
B-501	B-15	Insert Joint Type	•	•	•	•	•	•	•	•	•	•	•
B-501B	B-15	Insert Hi-Noise Type	•	•	•	•	•	•	•	•	•	•	•
B-501C	B-15	Insert Cable Conduit Type	•	•	•	•	•	•	•	•	•	•	•
B-502	B-15	Spline Joint Type	•	•	•	•	•	•	•	•	•	•	•
B-601	B-0	Insert Joint Type	•	•	•	•	•	•	•	•	•	•	•
B-602	B-0	Spline Joint Type	•	•	•	•	•	•	•	•	•	•	•
B-502B	B-15	Spline Hi-Noise Type	•	•	•	•	•	•	•	•	•	•	•
B-502C	B-15	Spline Cable Conduit Type	•	•	•	•	•	•	•	•	•	•	•

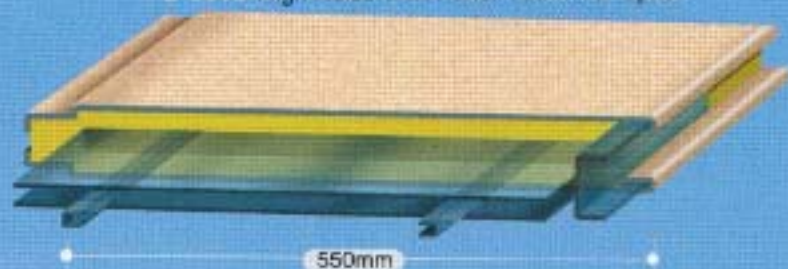
WALL PANEL

STANDARD TYPICAL CONSTRUCTION OF SUNG MI WALL PANEL

B-501 or B-601 Standard Wall Panel



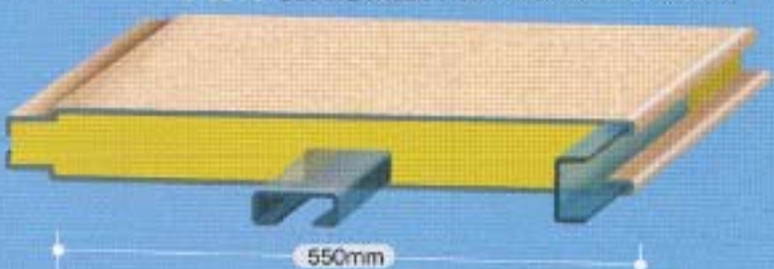
B-501B High Noise Wall Panel: 10mm Air Space



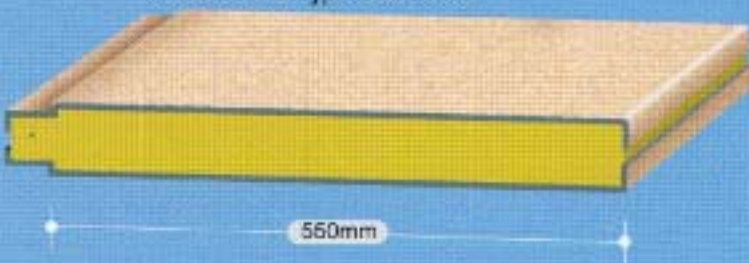
Removable Wall Panel



B-501C Cable Conduit Wall Panel: 24mm x 80mm



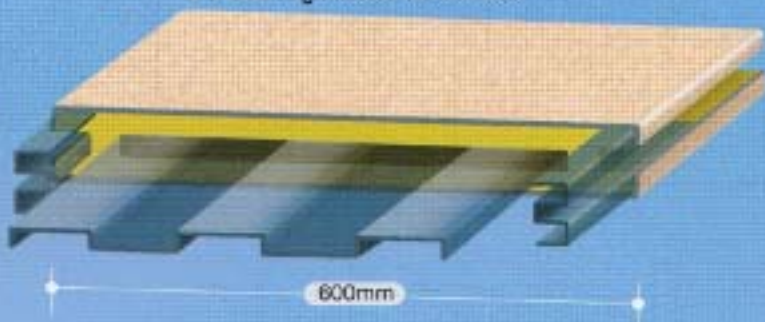
Variation of B-Type Wall Panel



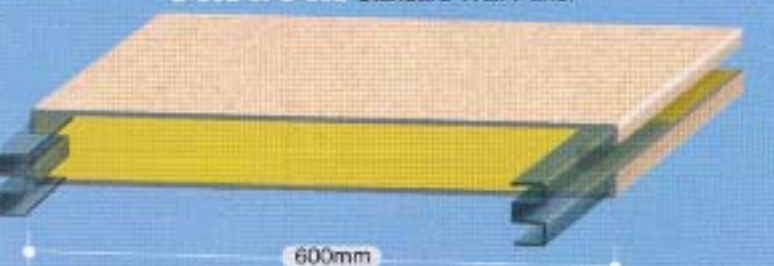
Variation of A-Type Wall Panel



B-502B High Noise Wall Panel



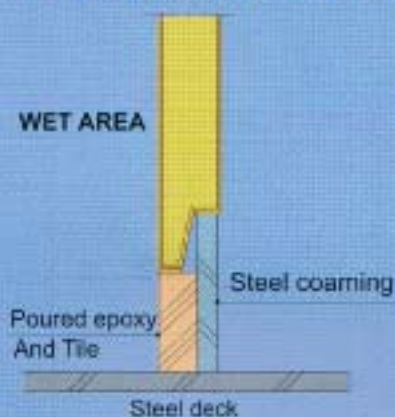
B-502 or B-602 Standard Wall Panel



B-502C Cable Conduit Wall Panel: 24mm x 80mm

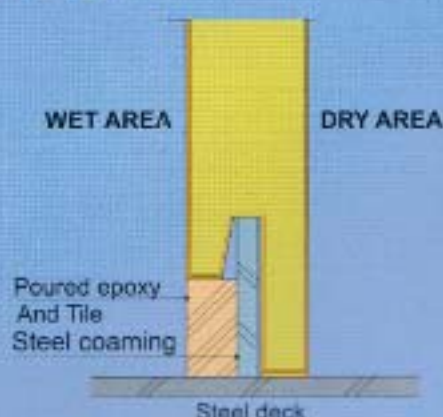


WET ROOM PANELS



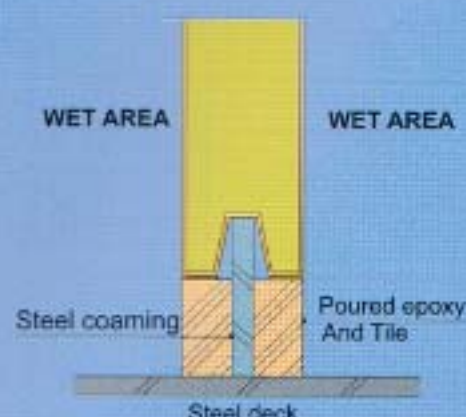
ASYMMETRIC

25mm LINING INSTALLATION



ASYMMETRIC

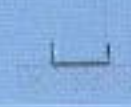
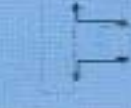
50mm PARTITION INSTALLATION



SYMMETRIC

WALL PANEL

WALL PANELS PROFILES

Profile No.	Profile type	Shape	Dimension	Use for
P-101	Top profile		a. 1.0mm b. galv.steel c. 4000mm/EA(7.1kg) d. 50mm panel	
P-102	Top profile		a. 1.0mm b. galv.steel c. 4000mm/EA(6.3kg) d. 25mm panel	
P-103	Top profile		a. 1.0mm b. galv.steel c. 4000mm/EA(6.1kg) d. 50mm panel	
P-104	Top profile		a. 1.0mm b. galv.steel c. 4000mm/EA(5.3kg) d. 25mm panel	
P-201	Bottom profile		a. 1.0mm b. galv.steel c. 4000mm/EA(3kg) d. 50mm panel	
P-202	Bottom profile		a. 1.0mm b. galv.steel c. 4000mm/EA(2.2kg) d. 25mm panel	
P-203	Bottom profile		a. 1.0mm b. galv.steel c. 4000mm/EA(2.8kg) d. 50mm panel	
P-204	Bottom profile		a. 1.0mm b. galv.steel c. 4000mm/EA(2.0kg) d. 25mm panel	
P-205	Corner profile		a. 0.6mm b. galv.steel c. P.V.C film coated d. Panel length-50mm e. 50mm panel	
P-206	Corner profile		a. 0.6mm b. galv.steel c. P.V.C film coated d. Panel length-50mm e. 25mm panel	
P-207	Corner profile		a. 0.6mm b. galv.steel c. P.V.C film coated d. Panel length-50mm e. 50mm panel	
P-208	Corner profile		a. 0.6mm b. galv.steel c. P.V.C film coated d. Panel length-50mm e. 25mm panel	
P-209	Corner profile		a. 0.6mm b. galv.steel c. P.V.C film coated d. Panel length-50mm e. 50mm/25mm panel	
P-210	Corner profile		a. 0.6mm b. galv.steel c. P.V.C film coated d. Panel length-50mm e. 50mm/25mm panel	

SUNG MI CO., LTD

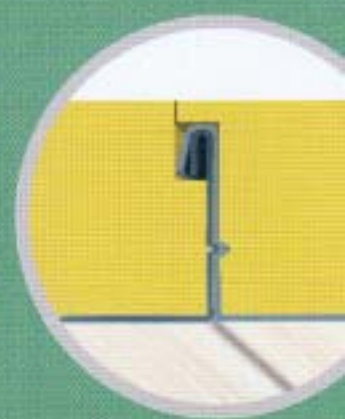
SUNG MI CO., LTD

SUNG MI CO., LTD

CEILING PANEL



- C-601** B-15 CLASS NO-GAP TYPE CEILING PANEL
- C-602** B-15 CLASS CORRUGATION TYPE CEILING PANEL
- C-603** B-O CLASS NO-GAP TYPE CEILING PANEL
- C-604** B-O CLASS CORRUGATION TYPE CEILING PANEL
- C-605** B-O CEILING PANEL
- C-606** B-15 CEILING PANEL



C-606



C-601



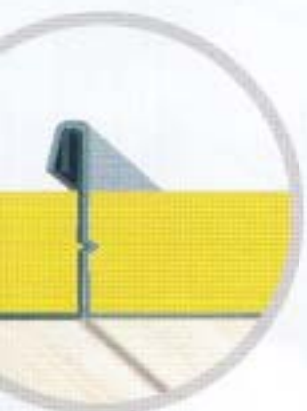
C-602



C-603



C-604

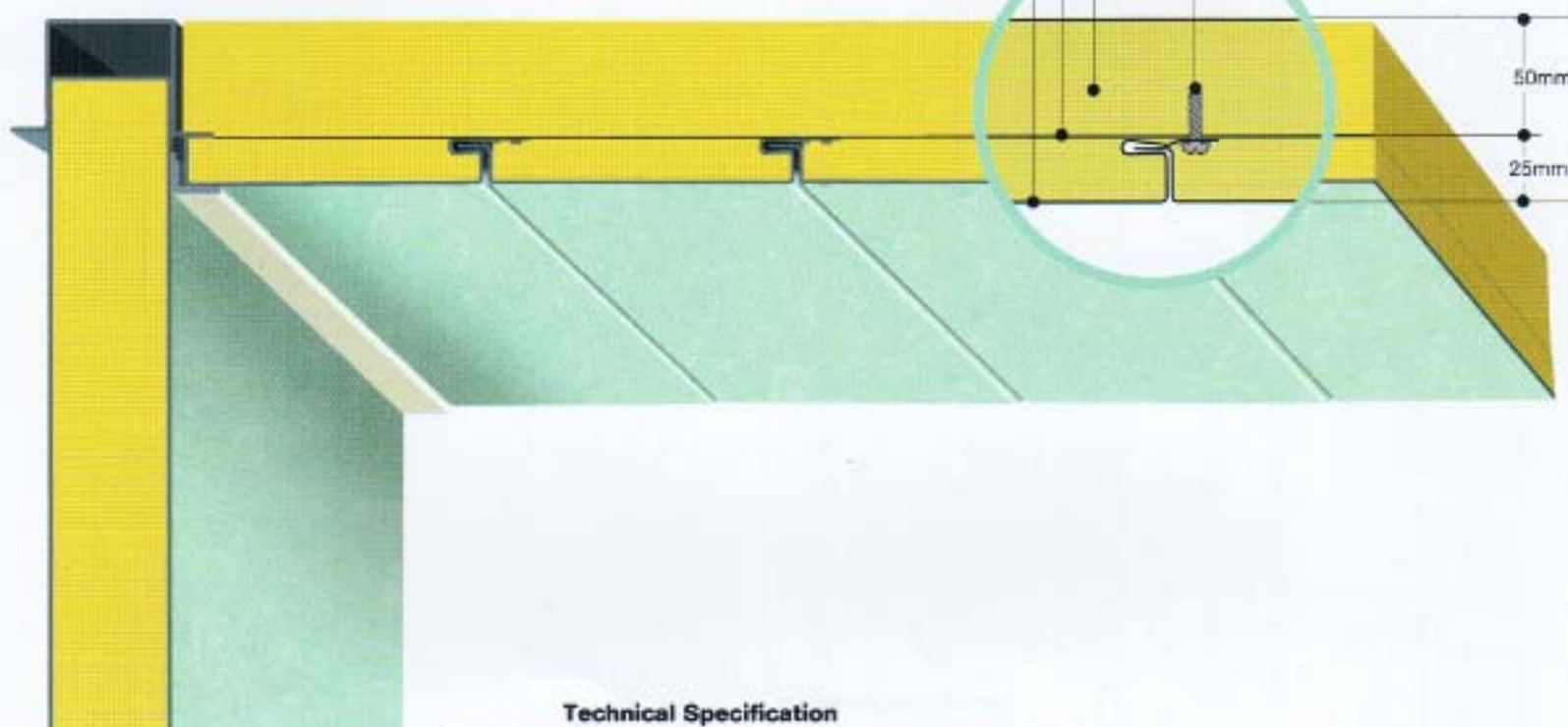


C-605

TYPE No. C-601

B-15 CLASS NO-GAP TYPE CEILING PANEL

Round head T/Screw or pop rivet
50mm Thickness of Mineral wool
(Density:80kg/m³)
25mm Thickness of Mineral wool
(Density:80kg/m³)
SURFACE : 0.6mm Thickness of pvc
film or galvanized steel sheet

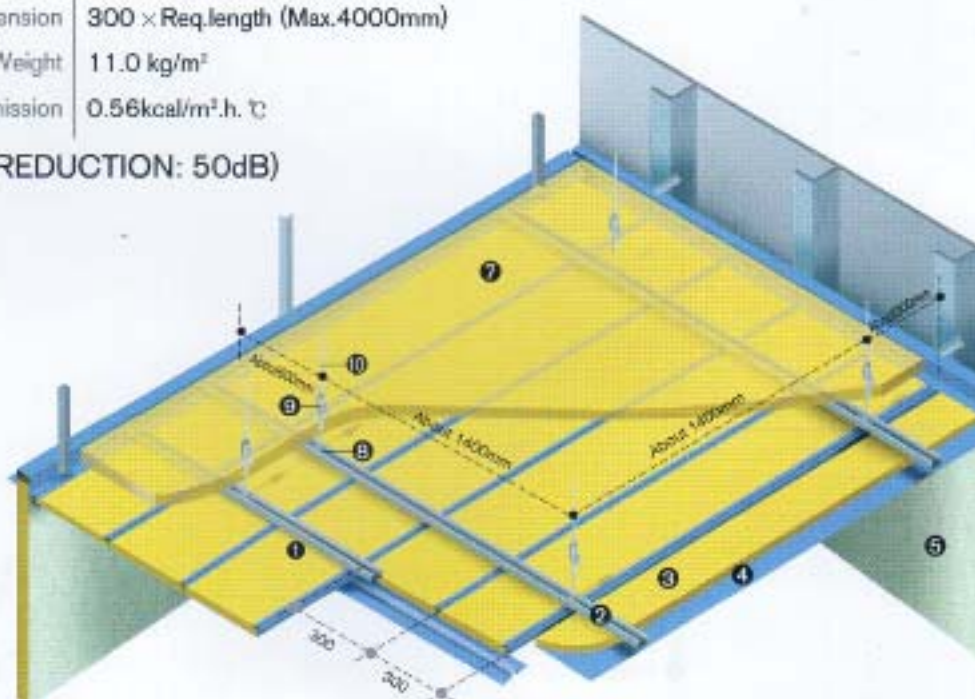


Technical Specification

Description	C-601
Fire class	B-15
Thickness	75mm
Surface Material	0.15mm PVC-film or paint
Material	0.6mm Galvanized steel sheet
Insulation	Mineral wool 80kg/m ³
Dimension	300 × Req.length (Max.4000mm)
Weight	11.0 kg/m ²
Heat Transmission	0.56kcal/m ² .h. °C

(SOUND REDUCTION: 50dB)

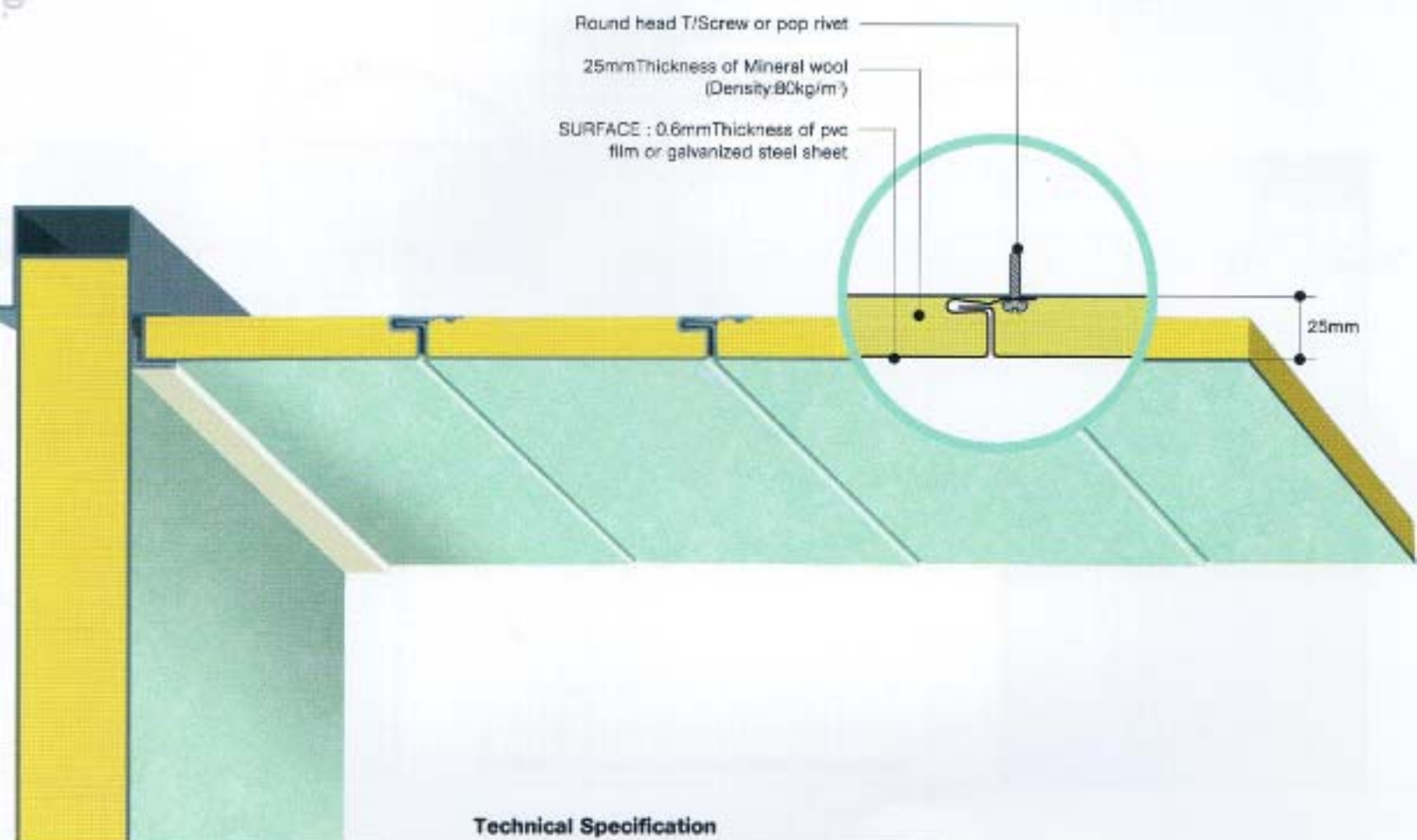
- ① P-303 connection profile
- ② P-401 Main runner
- ③ 25mm thickness of mineral wool
(Density : 80kg/m³)
- ④ Sung Mi C-601 Ceiling panel
- ⑤ Wall panel
- ⑥ Steel wall
- ⑦ 50mm thickness of mineral wool
(Density : 80kg/m³)
- ⑧ P-403 Fastener
- ⑨ P-405 Bolt clip
- ⑩ P-404 Hanger bolt



TYPE No. C-603

B-O CLASS NO-GAP TYPE CEILING PANEL

SUNG MI CO., LTD.

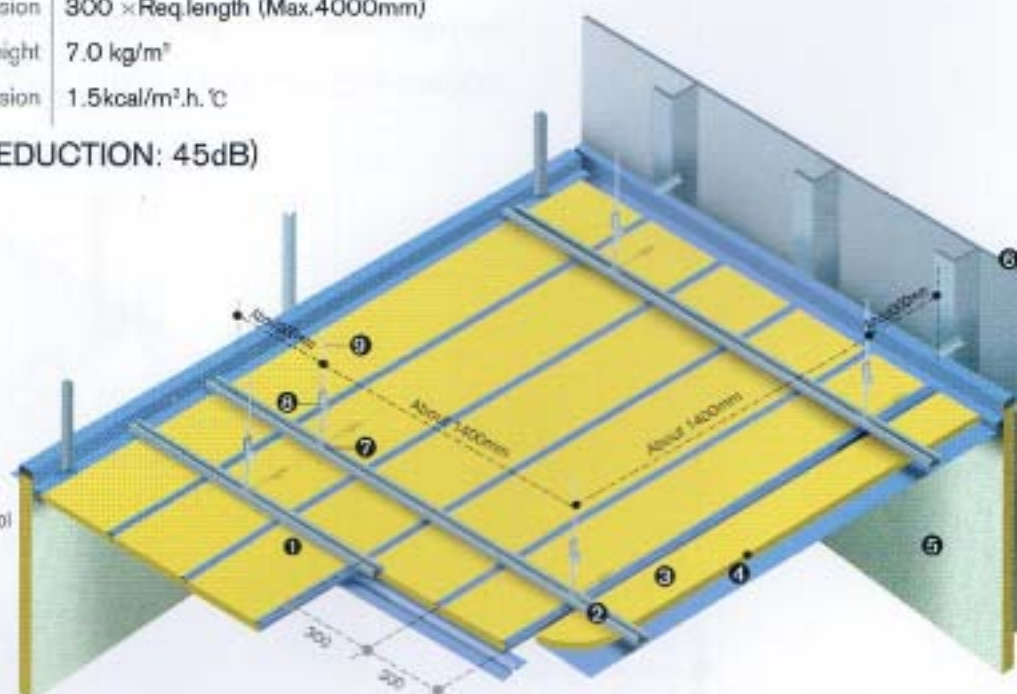


Technical Specification

Description	C-603
Fire class	B-0
Thickness	25mm
Surface Material	0.15mm PVC-film or paint
Material	0.6mm Galvanized steel sheet
Insulation	Mineral wool 80kg/m ³
Dimension	300 × Req. length (Max. 4000mm)
Weight	7.0 kg/m ²
Heat Transmission	1.5kcal/m ² .h. °C

(SOUND REDUCTION: 45dB)

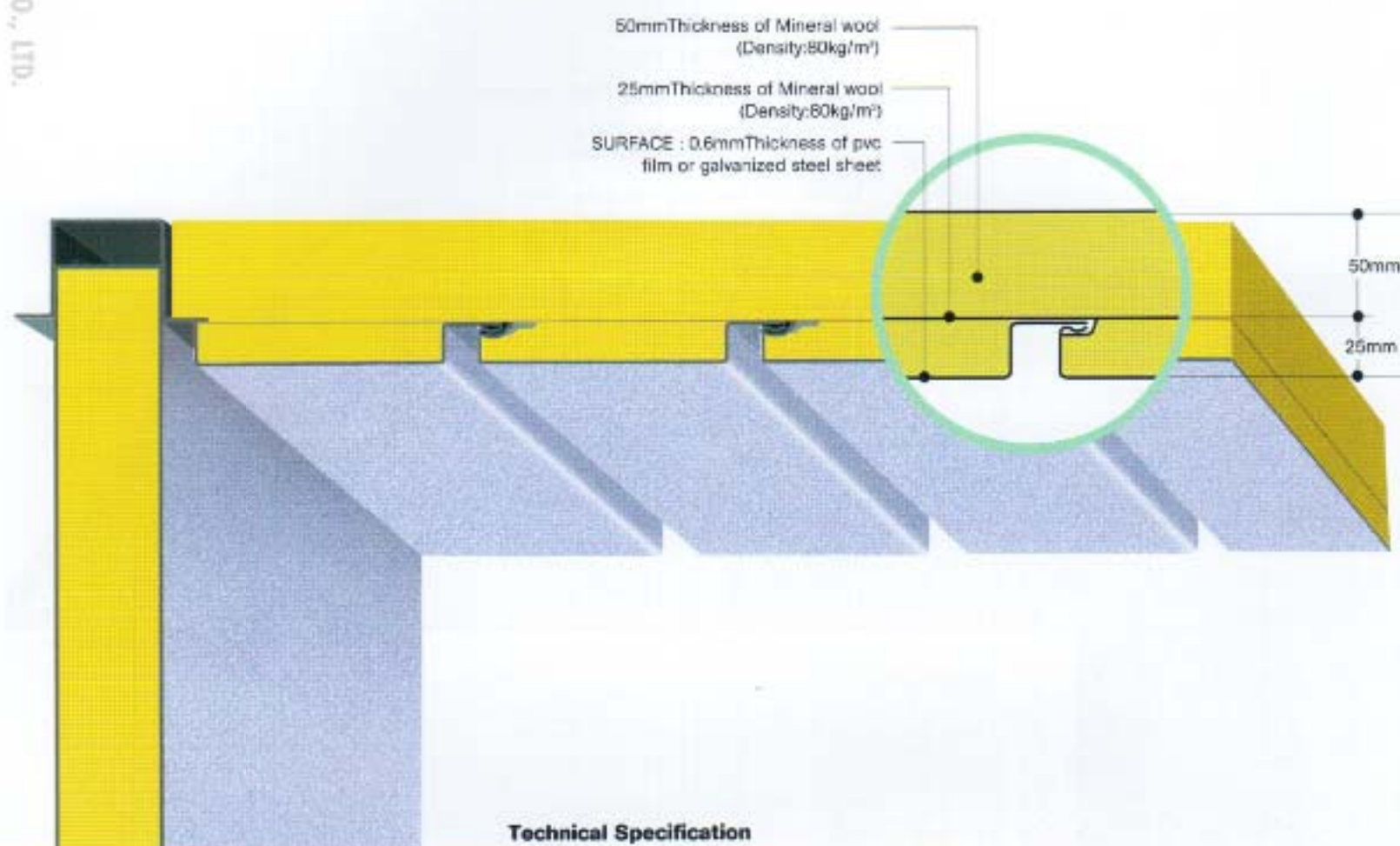
- ① P-303 connection profile
- ② P-401 Main runner
- ③ 25mm thickness of mineral wool (Density : 80kg/m³)
- ④ Sung Mi C-603 Ceiling panel
- ⑤ Wall panel
- ⑥ Steel wall
- ⑦ P-403 Fastener
- ⑧ P-405 Bolt clip
- ⑨ P-404 Hanger bolt



TYPE No. C-602

B-15 CLASS CORRUGATION TYPE CEILING PANEL

SUNG MI CO., LTD.

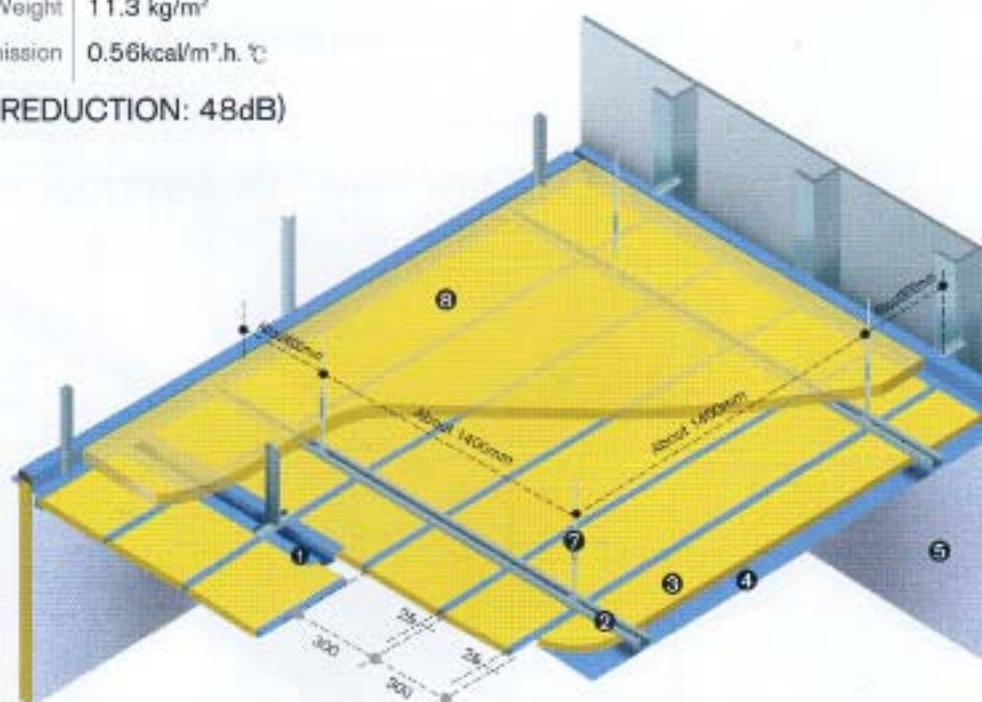


Technical Specification

Description	C-602
Fire class	B-15
Thickness	75mm
Surface Material	0.15mm PVC-film or paint
Material	0.6mm Galvanized steel sheet
Insulation	Mineral wool 80kg/m³
Dimension	275 × Req. length (Max. 4000mm)
Weight	11.3 kg/m²
Heat Transmission	0.56kcal/m².h. °C

(SOUND REDUCTION: 48dB)

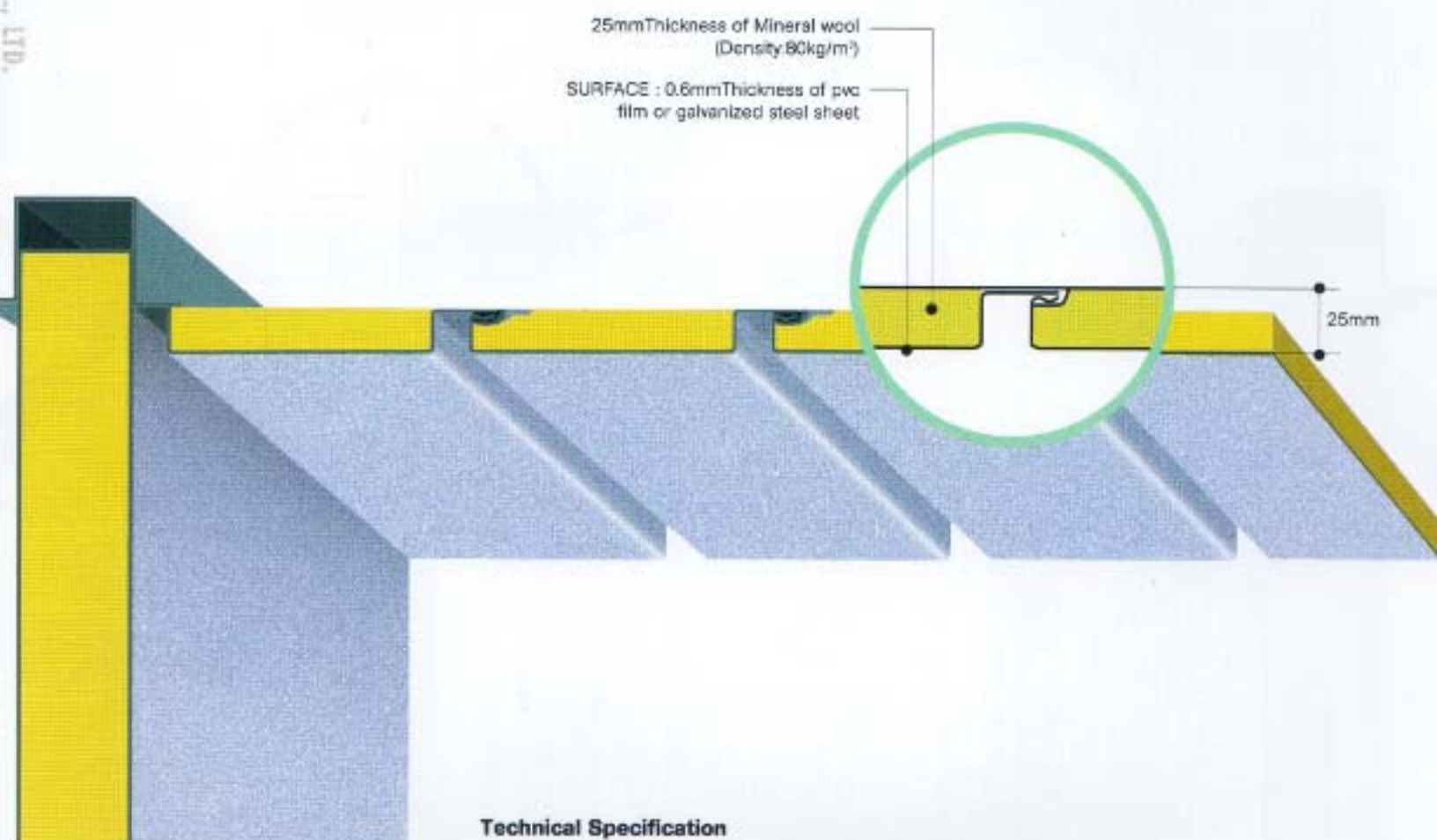
- 1 P-406 connection profile
- 2 P-408 Main runner
- 3 25mm thickness of mineral wool
(Density : 80kg/m³)
- 4 Sung Mi C-602 Ceiling panel
- 5 Wall panel
- 6 Steel wall
- 7 P-409 Hanger set
- 8 50mm thickness of mineral wool
(Density : 80kg/m³)



TYPE No. C-604

B-O CLASS CORRUGATION TYPE CEILING PANEL

SUNG MI CO., LTD.

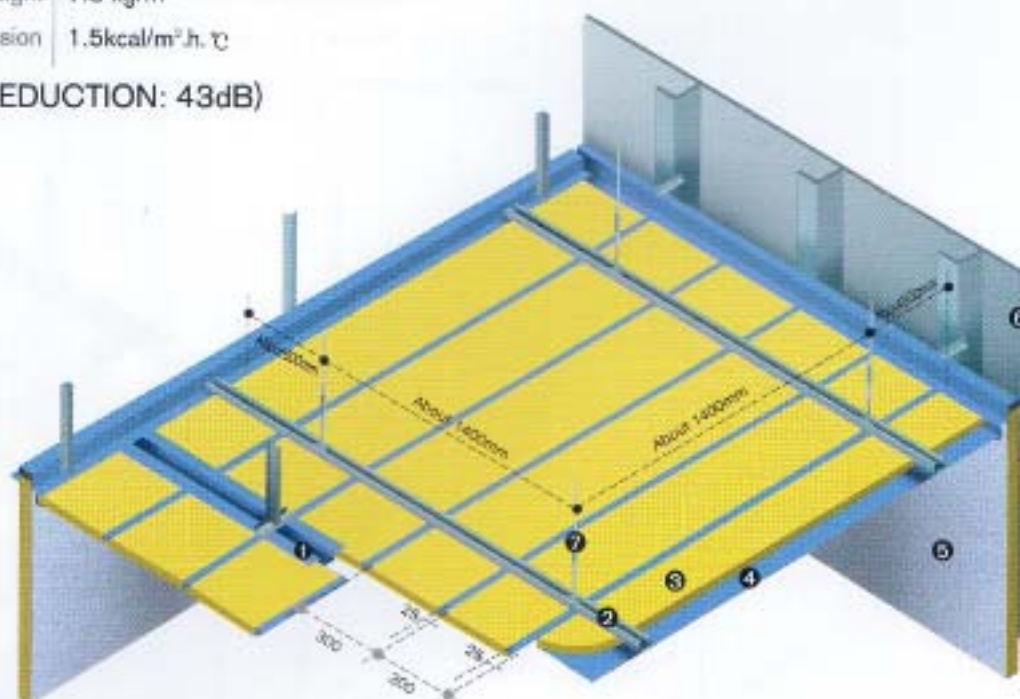


Technical Specification

Description	C-604
Fire class	B-0
Thickness	25mm
Surface Material	0.15mm PVC-film or paint
Material	0.6mm Galvanized steel sheet
Insulation	Mineral wool 80kg/m ³
Dimension	275 × Req.length (Max.4000mm)
Weight	7.3 kg/m ²
Heat Transmission	1.5kcal/m ² h.℃

(SOUND REDUCTION: 43dB)

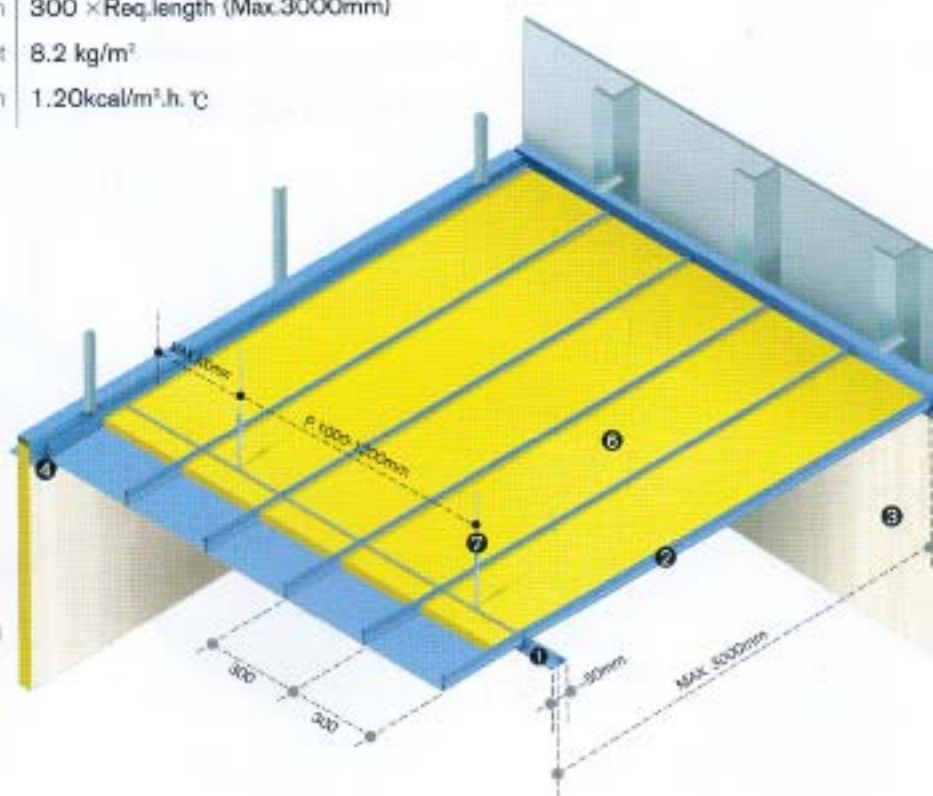
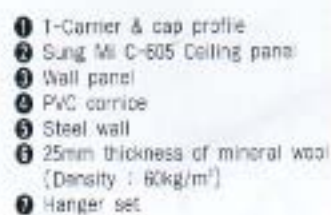
- ① P-406 connection profile
- ② P-408 Main runner
- ③ 25mm thickness of mineral wool (Density : 80kg/m³)
- ④ Sung Mi C-604 Ceiling panel
- ⑤ Wall panel
- ⑥ Steel wall
- ⑦ P-409 Hanger set



25mm Thickness of Mineral wool
(Density: 80kg/m³)
SURFACE : 0.6mm Thickness of pvc
film or galvanized steel sheet

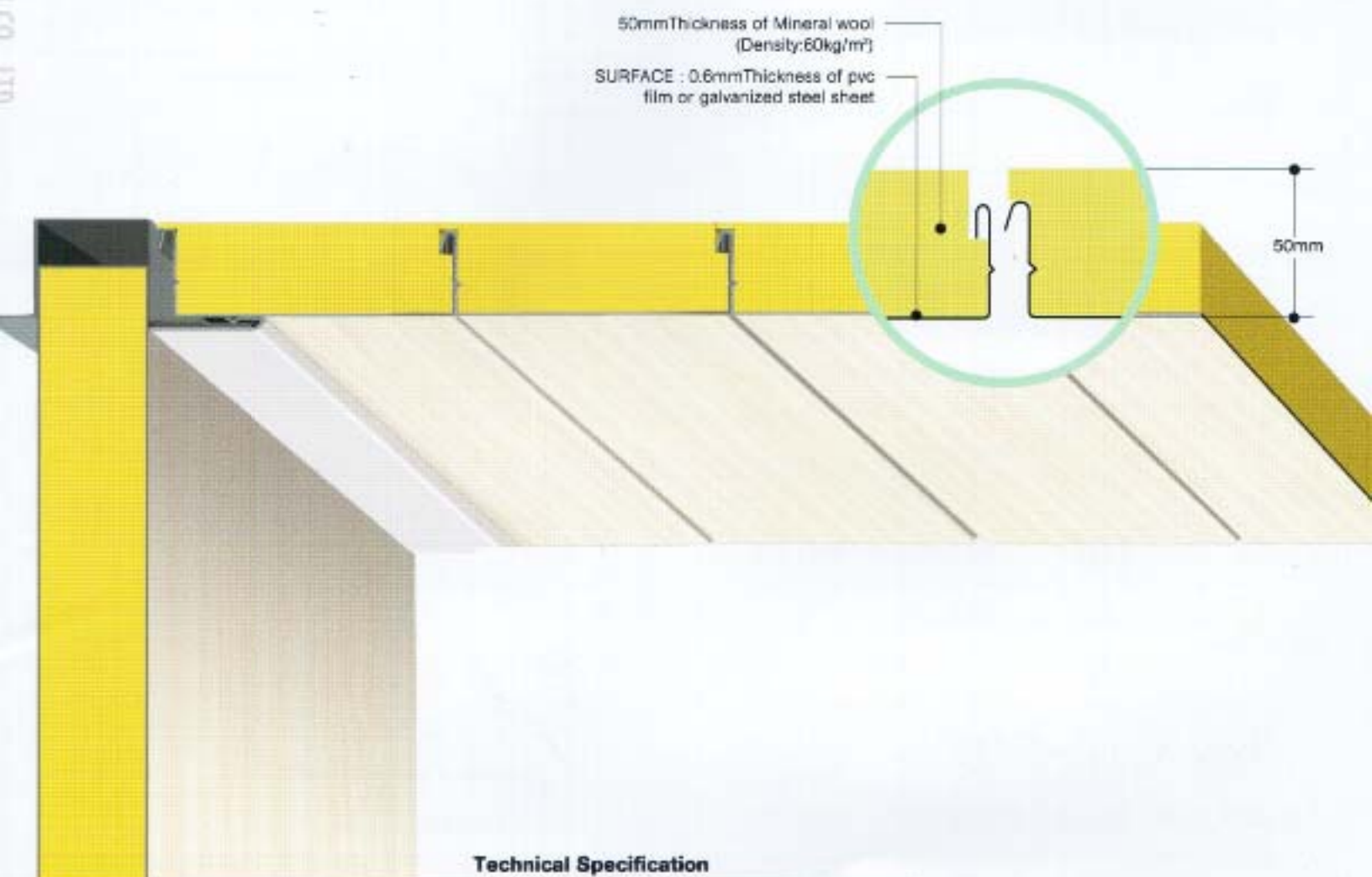


Description	C-605
Fire class	B-0
Thickness	25mm
Finish Material	Baked enamel paint or 150μm Thk. PVC film with protective foil
Surface Material	0.6mm Thk. Galv'd steel plate
Insulation	Mineral wool 80kg/m ³
Dimension	300 × Req.length (Max.3000mm)
Weight	8.2 kg/m ²
Heat Transmission	1.20kcal/m ² .h. °C



TYPE No. C-606

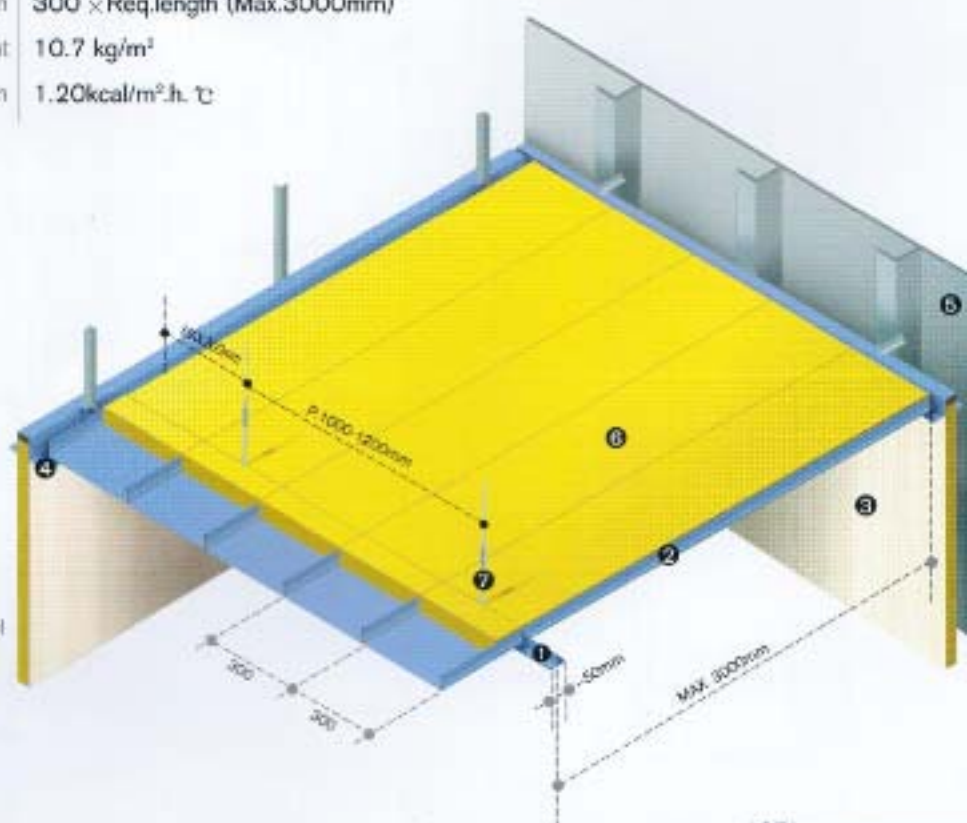
B-15 FIRE CLASS CEILING PANEL



Technical Specification

Description	C-606
Fire class	B-15
Thickness	50mm
Finish Material	Baked enamel paint or 150μm Thk. PVC film with protective foil
Surface Material	0.6mm Thk. Galv'd steel plate
Insulation	Mineral wool 60kg/m³
Dimension	300 × Req.length (Max.3000mm)
Weight	10.7 kg/m²
Heat Transmission	1.20kcal/m².h. °C

- ① T-Carrier & cap profile
- ② Sung Mi C-606 Ceiling panel
- ③ Wall panel
- ④ PVC cornice
- ⑤ Steel wall
- ⑥ 50mm thickness of mineral wool (Density : 60kg/m³)
- ⑦ Hanger set

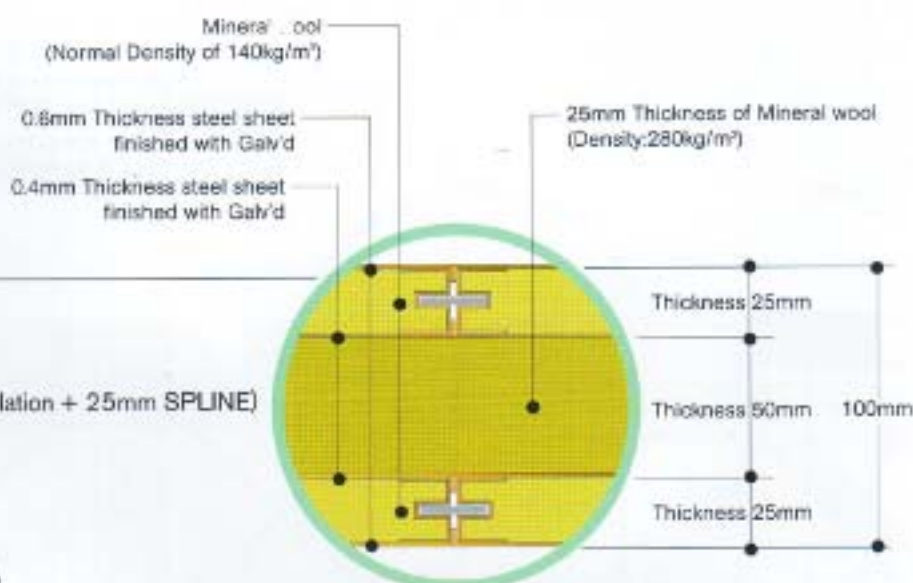


TYPE No. B-701

A-60 STANDARD DOUBLE SPLINE PANEL

Technical Specification

Description	B-701
Fire class	A-60
Thickness	100mm(25mm SPLINE + 50mm insulation + 25mm SPLINE)
Surface Material	0.15mm PVC- film
Material	0.6mm + 0.4mm Galvanized steel
Insulation	Mineral wool 140kg/m ³ +280kg/m ³
Dimension	100-800 × Req.length (Max.4000mm)
Weight	41 kg/m ²

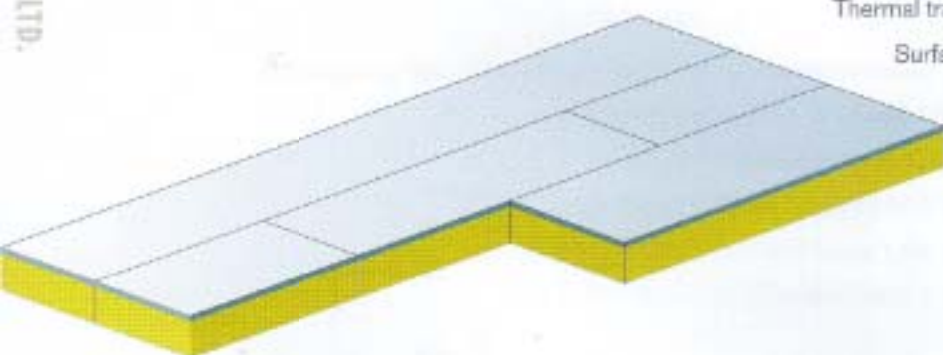


TYPE No. A-60F

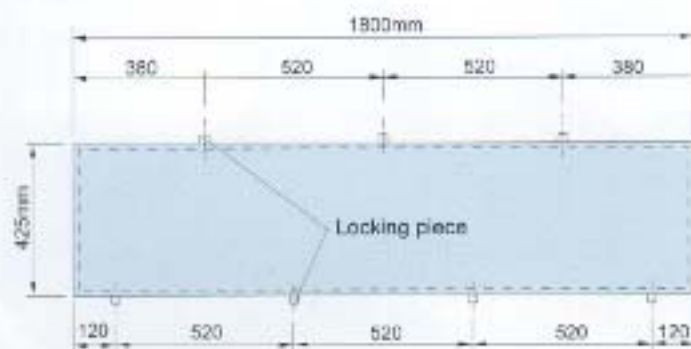
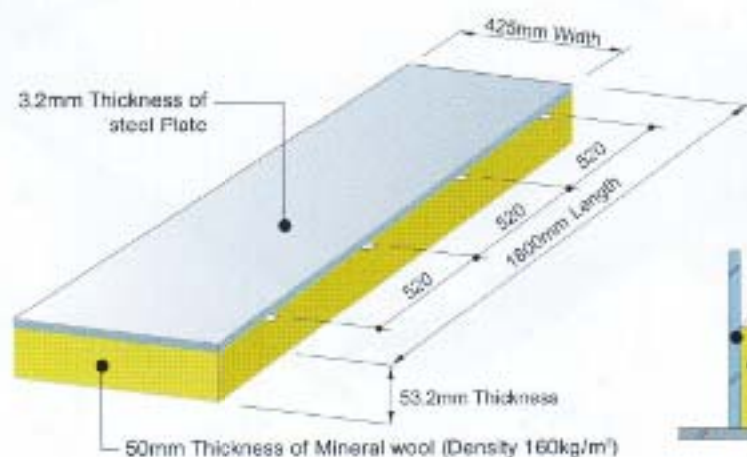
A-60 FIRE CLASS FLOATING FLOOR

Technical Specification

Fire class	A-60 Fire class
Dimension	425mm width × 1800mm length
Thickness	53.2mm
Weight	33.1 kg/m ²
Thermal transmittance	0.58Kcal / m ² h C°
Surface Material	Galvanized steel sheet
Tolerances	Width ± 1.0mm, Length ± 1.0mm, Thickness ± 1.0mm, Rectangularity ± 1.0mm,



■ Dimension



CEILING PANEL

INSTALLATION SYSTEM OF CEILING PANEL

C-601 Standard Ceiling Panel



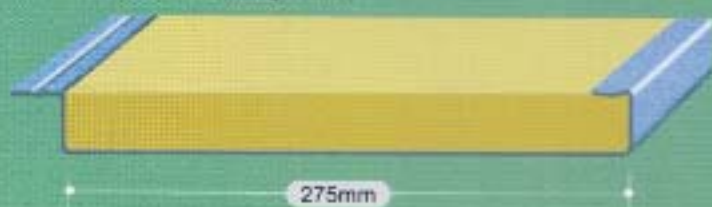
C-603 Standard Ceiling Panel



C-602 Ceiling Panel



C-604 Ceiling Panel



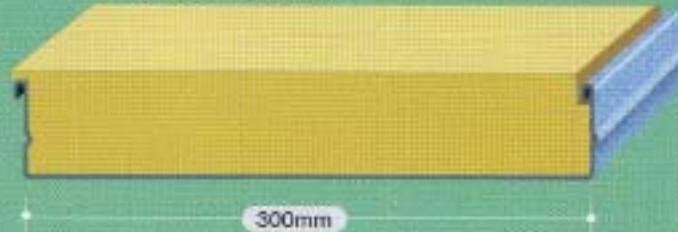
Corner Ceiling Panel



Corner Ceiling Panel



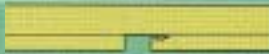
C-606 Ceiling Panel



C-605 Ceiling Panel



PRODUCTS LIST

MODEL NO.	SPARE	FIRE CLASS	WEIGHT	SOUND REDUCTION	TERMAL TRANSMITTANCE
C-601	 75t	B-15	11.0 kg/m ²	50dB	0.56 kcal/m ² h°C
C-602	 75t	B-15	11.3 kg/m ²	48dB	0.56 kcal/m ² h°C
C-603	 25t	B-0	7.0 kg/m ²	45dB	1.5 kcal/m ² h°C
C-604	 25t	B-0	7.3 kg/m ²	43dB	1.5 kcal/m ² h°C
C-605	 25t	B-0	8.2 kg/m ²	25dB	1.2 kcal/m ² h°C
C-606	 50t	B-15	10.7 kg/m ²	29dB	0.58 kcal/m ² h°C

APPROVAL LIST

MODEL NO.	FIRE CLASS	SPECIFICATION	ABS	BV	CR	DNV	GL	JG	KR	LR	MSA	NK	CE
C-601	B-15	No Gap Joint Type	●	●		●	●	●	●	●		●	●
C-602	B-15	Corrugation Joint Type	●	●		●		●	●	●		●	
C-603	B-0	No Gap Joint Type	●	●	●	●	●	●	●	●	●	●	●
C-604	B-0	Corrugation Joint Type	●	●	●	●	●	●	●	●	●	●	●
C-605	B-0	No Hanger Joint Type	●	●		●	●		●	●		●	●
C-606	B-15	No Hanger Joint Type	●	●		●	●		●	●		●	●

CEILING PANEL

CEILING PANEL PROFILES

Profile No.	Profile type	Shape	Dimension	Use for
P-301	Hat joint profile		a. 0.6mm b. galv.steel c. Painted or P.V.C film coated d. 4000mm/EA	
P-302	Distance profile (End Part)		a. 1.0mm b. galv.steel c. 4000mm/EA	
P-303	Hat joint profile		a. 0.6mm b. galv.steel c. Painted or P.V.C film coated d. 4000mm/EA	
P-304	Ceiling profile		a. 0.6mm b. galv.steel c. Painted or P.V.C film coated d. 4000mm/EA	
P-305	Distance profile (Start Part)		a. 1.0mm b. galv.steel c. 4000mm/EA	
P-307	Top profile "A"		a. 1.0mm b. galv.steel c. 4000mm/EA	
P-308	Top profile "B"		a. 1.0mm b. galv.steel c. 4000mm/EA	
P-401	Main runner		a. 1.2mm b. galv.steel c. 4000mm/EA d. C-601, 603 use	
P-402	C-Joint		a. 0.6mm b. galv.steel	
P-403	Fastener		a. 2.0mm b. S841 cr	
P-404	Hanger bolt		a. 8.0mm ϕ b. S841 cr	
P-405	Bolt Clip		a. 1.2mm b. Galv.steel	
P-406	Connection Profile		a. 0.6mm b. Painted or P.V.C film coating c. 3000mm/EA	
P-407	Edge cover		a. 0.6mm b. Painted or P.V.C film coating c. 3000mm/EA	
P-408	Main runner		a. 1.2mm b. Galv.steel c. 4000mm/EA d. C-602, 604 use	
P-409	Hanger set		a. 1.0mm, 5.7mm ϕ , 7.8mm ϕ b. 0.08kg/set c. Galv. steel d. L.200~600mm	

WALL & CEILING PANEL

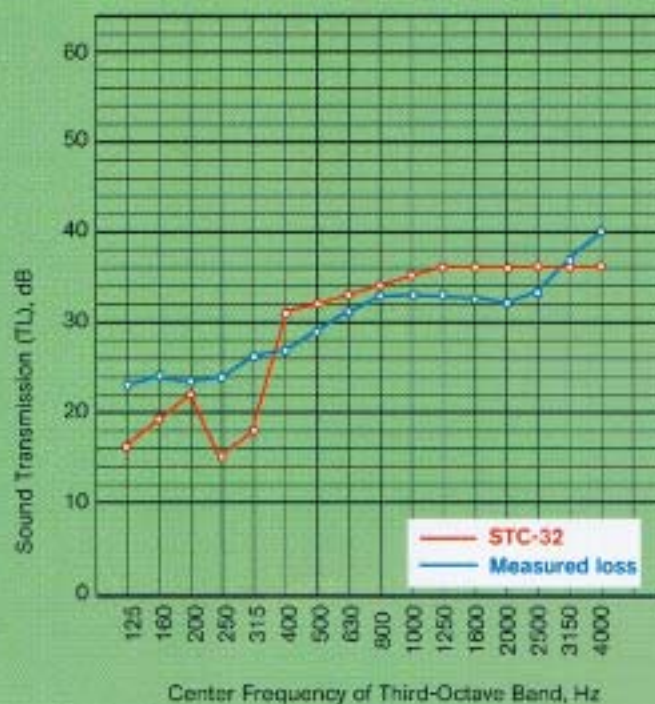
Information of sound Reduction Test

SUNG MI Accommodation panel system for marine Shipbuilding has been Subject to ascertain sound insulation characteristics in accordance with the sound insulation test Specified in the International Standard ISO 140, and to determine the sound transmission class (STC) with the ASTM E413-73 as below ;

■ STC contours for B-15 Class wall panel



■ STC contours for B-0 Class wall panel



■ STC contours for B-15 Class Hi-Noise wall panel with 10mm air space



ASTM E413-73

Standard Classification for Determination of Sound Transmission Class (STC)

In order to determine the sound transmission class of a test specimen, it should be fulfilled if the sum of the deficiencies (that is, the deviations below the contour) shall not be greater than 32dB and the maximum deficiency at a single test point shall not exceed 8dB.



SUNG MI CO., LTD.

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