
CEILING SYSTEMS

Norac manufactures and supplies both suspended and self suspended ceiling solutions. The ceiling systems are recognized throughout the industry for both their superior acoustic and absorption properties and ease of installation. The self-suspended ceiling modules have been designed to avoid structural borne noise and to reduce safety risks associated with loose fire insulation.



CEILING B-500 / 52

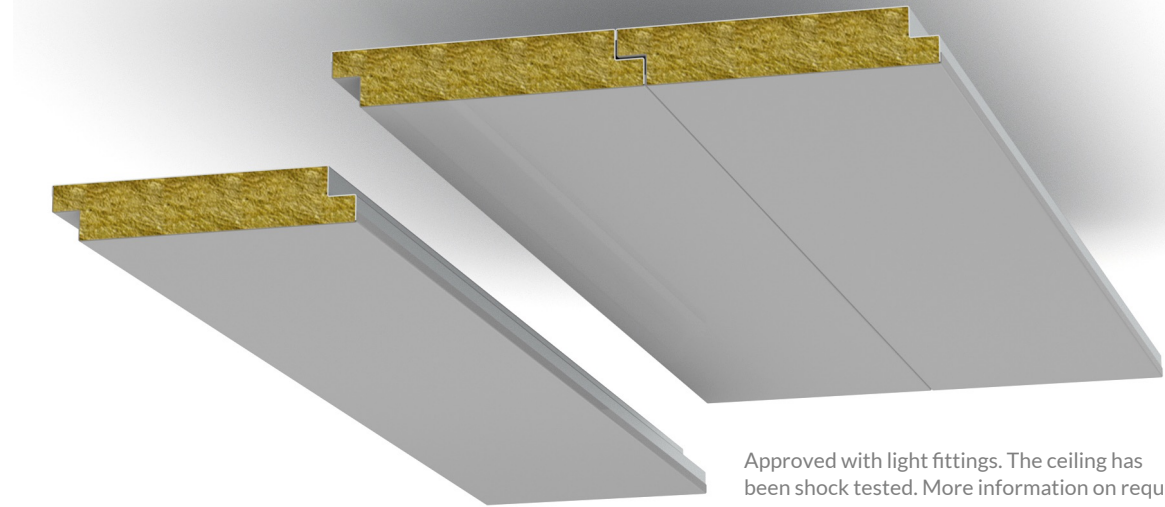
B-500/52 is a self suspended ceiling of sandwich construction and designed for easy and rapid installation with no connecting profiles.

No additional (loose) insulation required to maintain fire class.

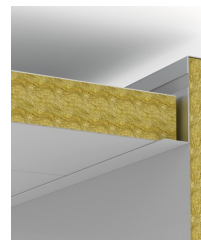
Self suspended up to 2750 mm.

All weights are based on system weight, including all profiles

DESCRIPTION	B-500 / 52	B-500 / 52 perf.
Fire class	B-15 / A-30	B-15 / A-30
Panel length	up to 2750 mm	up to 2750 mm
Standard module width	500 mm	500 mm
Thickness	52 mm	52 mm
Weight	19.2 kg/m ²	18,2 kg/m ²
Sound reduction	On request	On request
Thermal isolation	U=0.64 W/m ² K	U=0.64 W/m ² K
Application	Self suspended ceiling	
Sound absorption coefficient	NA	0,5 - 0,85 α

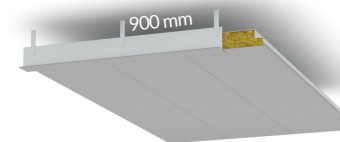


Approved with light fittings. The ceiling has been shock tested. More information on request

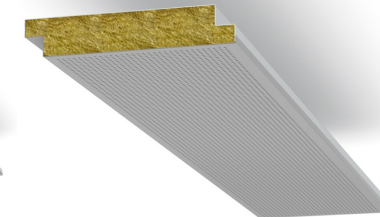


Reinforced suspension angle

Steel strips to deck above, yard supply



Joint profile. For rooms exceeding 2500/3000 mm



Available as perforated ceiling



CEILING B-600 / 40

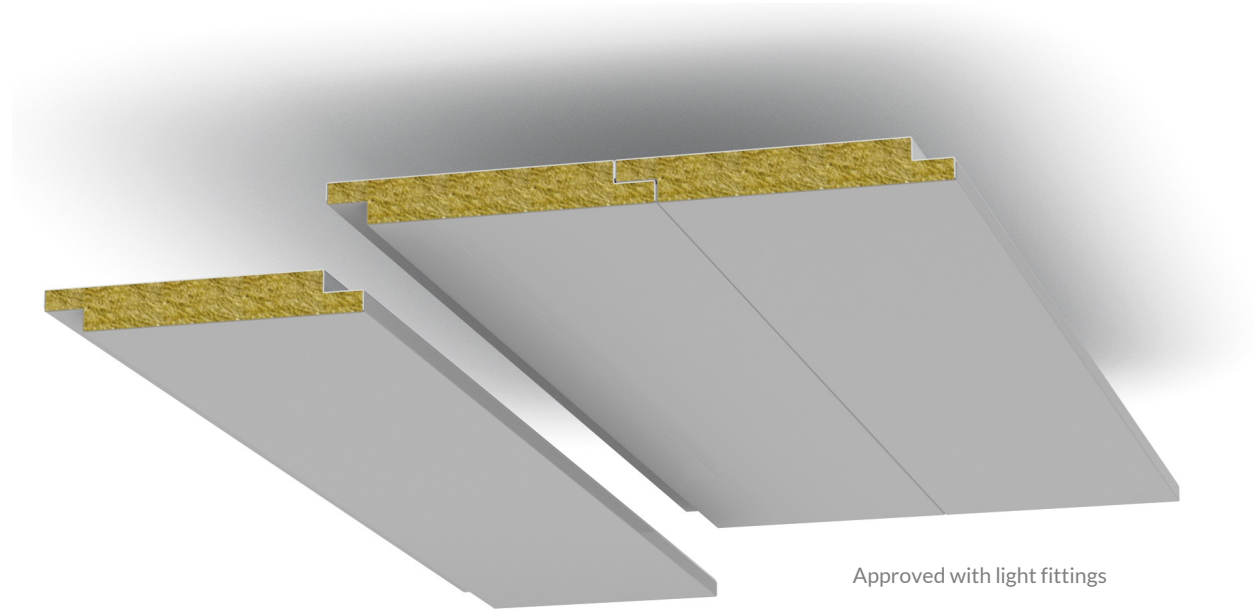
B-600/40 is a self suspended ceiling of sandwich construction and designed for easy and rapid installation with no connecting profiles.

Self suspended up to 2715 mm.

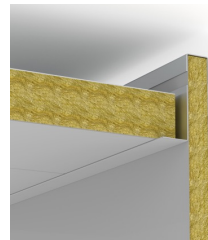
Note: For preassembled cabins only.

All weights are based on system weight, including all profiles

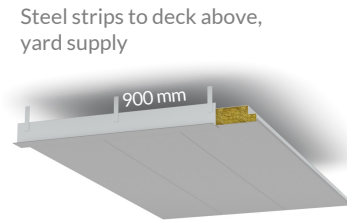
DESCRIPTION	B-600 / 40
Fire class	B-15 / A-30
Panel length	up to 2715 mm
Standard module width	600 mm
Special module width	100 - 700 mm
Thickness	40 mm
Weight	18.1 kg/m ²
Sound reduction	On request
Thermal insulation	U=0.66 W/m ² K
Application	Self suspended ceiling



Approved with light fittings

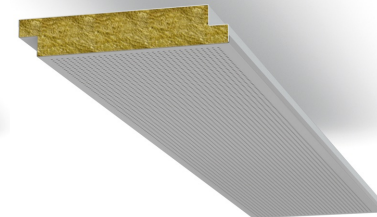


Reinforced suspension angle



Steel strips to deck above, yard supply

Joint profile. For rooms exceeding 2500/3000 mm



Available as perforated ceiling

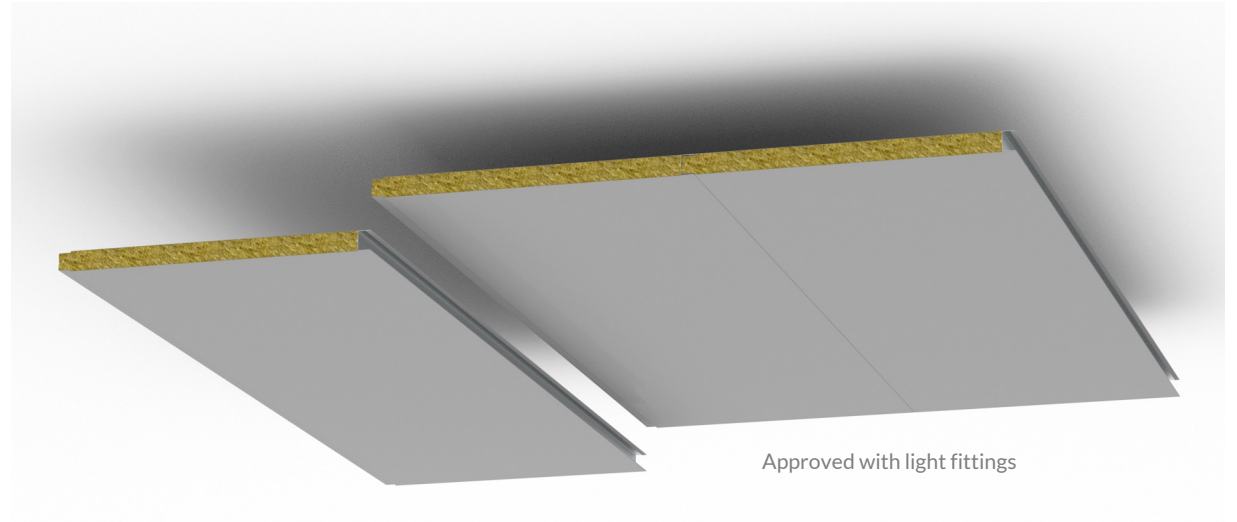


CEILING T-600 / 40 / 30

T-600/40 is a self suspended ceiling of sandwich construction and designed for easy and rapid installation with no connecting profiles.

Self suspended up to 2715 mm (T-600/40).
Self suspended up to 3015 mm (T-600/30).

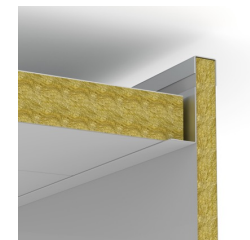
All weights are based on system weight, including all profiles



Approved with light fittings

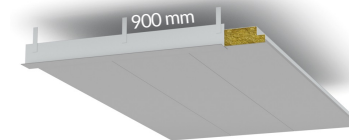
DESCRIPTION	T-600 / 40	T-600 / 40 Perf.	T-600 / 30
Fire class	B-15 / A-30	B-15 / A-30	B-15 / A-30*
Panel length	up to 2715 mm	up to 2715 mm	up to 3015 mm
Standard module width	600 mm	600 mm	600 mm
Thickness	40 mm	40 mm	30 mm
Weight	18.8 kg/m ²	17.2 kg/m ²	16.6 kg/m ²
Sound reduction	On request	On request	On request
Thermal insulation	U=0.66 W/m ² K	U=0.66 W/m ² K	U=1.16 W/m ² K
Application	Self suspended ceiling		

* Fire gasket (16 x 2 mm) in the groove.
Need to be fixed from back side. To be used for prefabricated cabins.



Reinforced suspension angle

Steel strips to deck above, yard supply



Joint profile. For rooms exceeding 2500/3000 mm

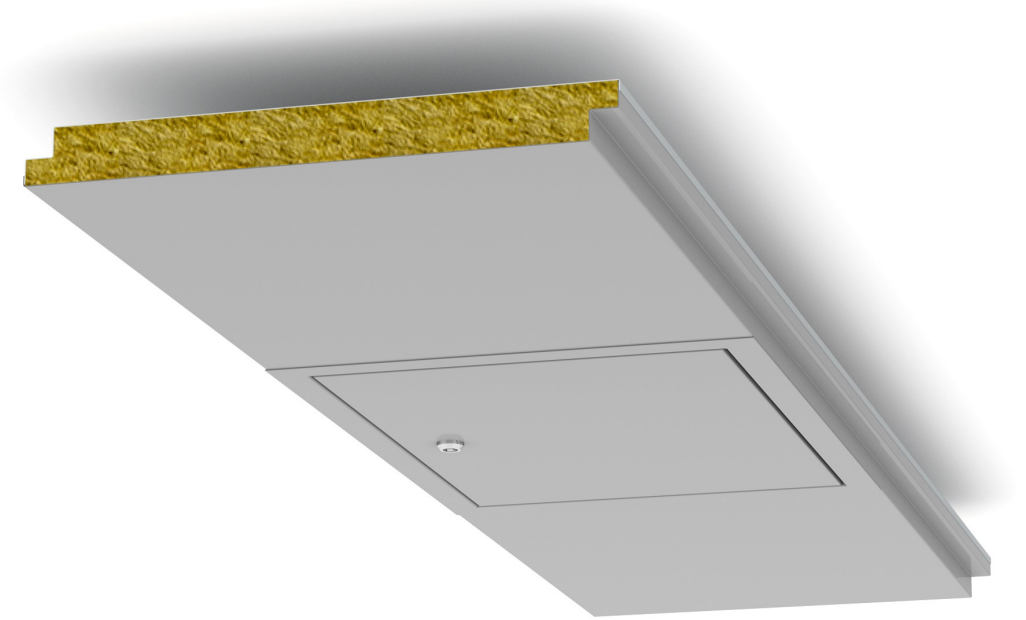


CEILINGS INSPECTION HATCH

For quick access to technical spaces above the ceiling such as ventilation, electrical wiring etc. Surface is normally the same as the ceiling to make a discreet finish.

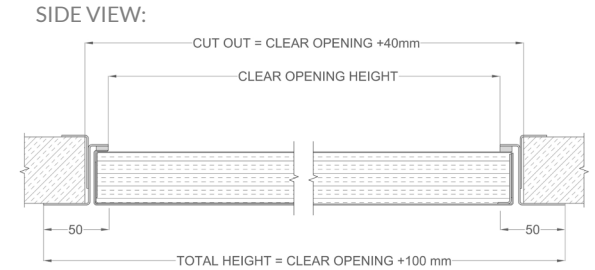
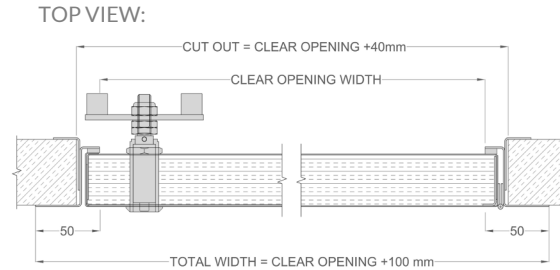
The hatch is supplied with frame / counter frame for cut out, 3-point espagnolette lock and piano hinge.

NOTE: If the width of the frame exceeds the width of the ceiling panel, extra support (steel strips) are needed.



DESCRIPTION	INSPECTION HATCH FOR CEILING
Fire class	B-0 / B-15
Surface leaf	0.6 mm steel sheets
Frame	Painted or stainless steel
Core material	Rockwool
Thickness	39 mm
Weight	Approx 18 kg
Lock	3-point espagnolette
Clear opening	Width: up to 400 mm Length: up to 600 mm

CEILING TYPE	CLEAR OPENING
B-500/52	Up to 400 x 600
B-600/40	Up to 400 x 600
T-600/30	Up to 560 x 560
T-600/40	Up to 400 x 600



EQUIPMENT ATTACHED TO B-RATED CEILING

ATTACHMENT WEIGHT (MAX PER PANEL PER PANEL) [KG]	EQ TO BE INSTALLED BY...	FIXING METHOD	FIXING ITEMS AND DRIL HOLES
W < 5	Mechanically attached directly to the ceiling panel without reinforcement.	Fix with screws with bonded washer. Min. 4 screws separated from each other by minimum 250 mm.	On face sheet: Drill Holes = 3.0 mm Screw size = D5x30
5 ≤ W ≤ 20	Mechanically attach directly to reinforced ceiling panel. Reinforcement to be provided to the panel by NORAC. Wall elevation with EQ location to be issued to NORAC.	Fix with screws with bonded washer. Min. 4 screws separated from each other by minimum 250 mm.	On face sheet: Drill Holes = 3.0 mm Screw size = D5x30
W > 20	Item should not be attached to the ceiling panel. Separate support from deck above to be provided.	TBD item by item	TBD item by item



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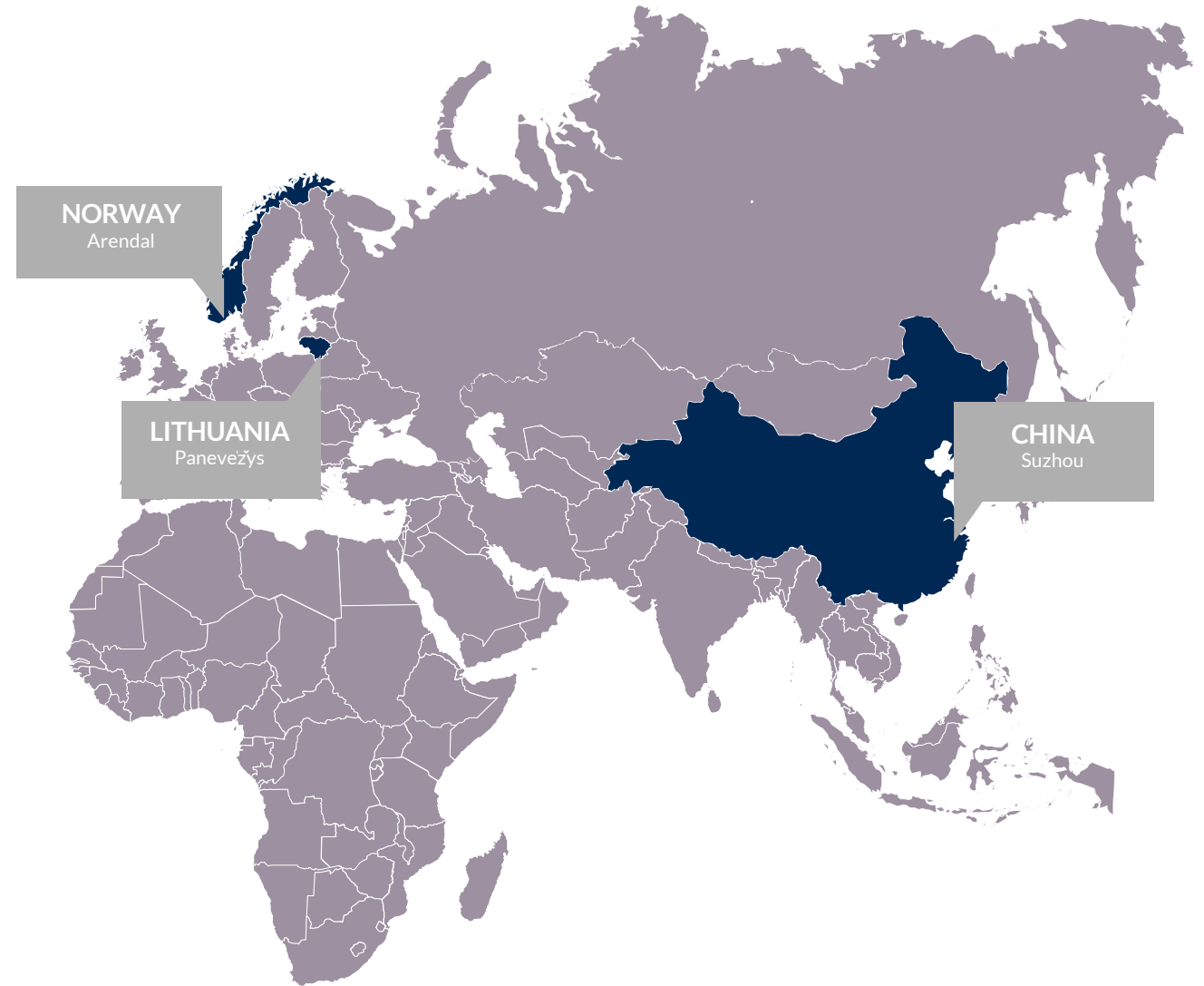
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