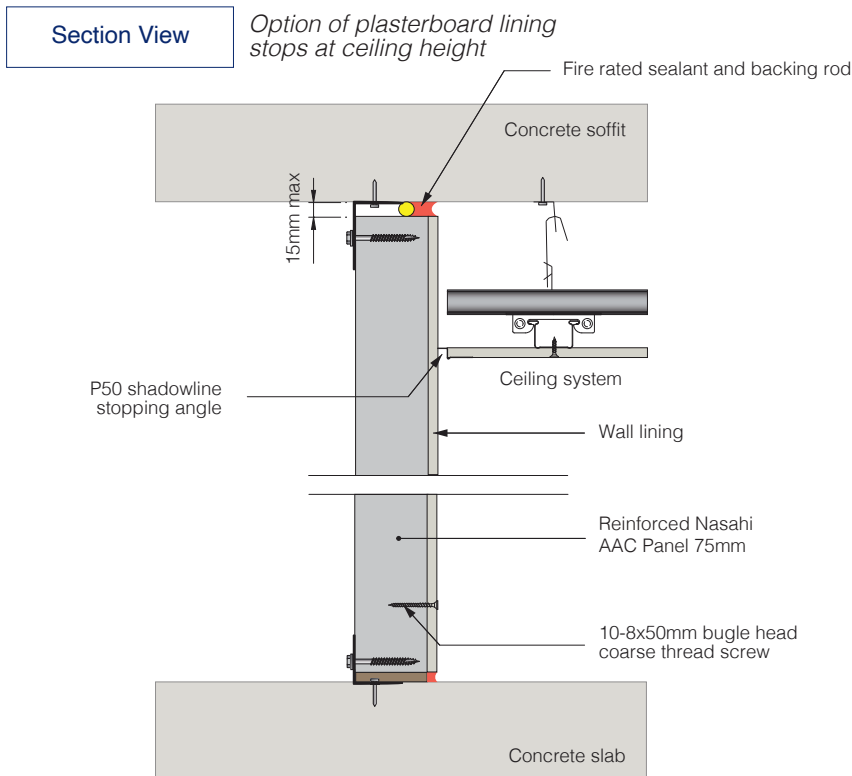
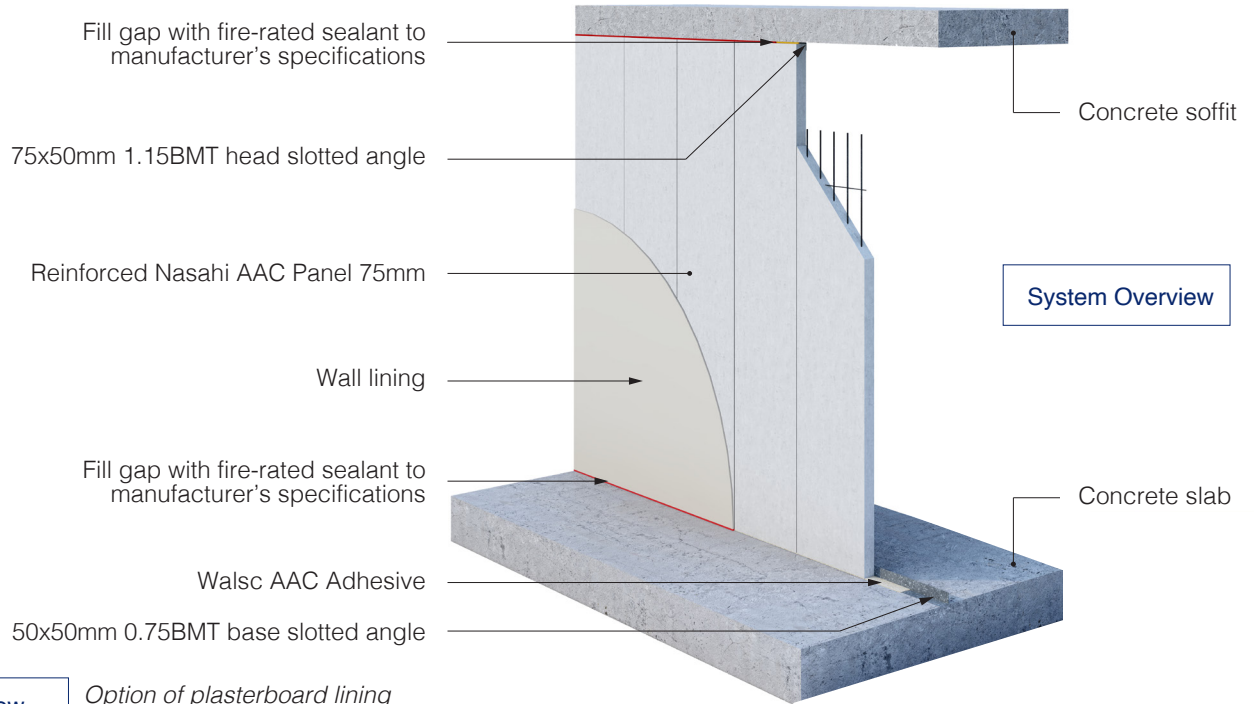


Walsc Internal Wall Systems

Service Shaft Wall

Option 1: Reinforced Nasahi AAC Panel



SYSTEM FEATURES

- Services (such as exhaust ducts) can be located on the service shaft side as wall complies with $R_w + C_{tr} \geq 25$

Note:

- Either of deflection track & slotted angle head details can be used, both options give the same Acoustic performance and FRLs.
- The maximum wall height is 3300mm to achieve the FRLs above. For wall height greater than 3300mm, please contact Walsc.
- $R_w + C_{tr}$ values are based on acoustic tests report AC-010-15/CT and acoustic assessment PKA-A158 and have taken into account of curing time.

TYPICAL SYSTEM DETAILS (More options are available in the Design and Installation Guide)

Ref No.	Use	AAC Panel	Wall Lining	Wall THK.	FRL	R_w/R_w+C_{tr}
WSW 10	Shaft	Reinforced Nasahi AAC Panel 75mm Square Edge	-	75mm	35/32	-/90/90
WSW 11	Shaft	Reinforced Nasahi AAC Panel 75mm Tongue and Groove	-	75mm	35/32	-/120/120
WSW 12	Shaft/Dry		13mm Fire-rated Plasterboard	88mm	39/33	-/180/180
WSW 13	Shaft/Wet		13mm Moisture Resistant Plasterboard	88mm	39/33	-/120/120
WSW 20	Shaft	Reinforced Nasahi AAC Panel 75mm Square Edge		100mm	-	-/240/240

Note: (1) The option of plasterboard lining stops at ceiling height is only applied to WSW10, WSW11 and WSW20.
 (2) The maximum wall height is 3300mm to achieve the above FRLs. For wall height greater than 3300mm, please contact Walsc.
 (3) R_w/R_w+C_{tr} values are based on acoustic test report AC-010-15/CT and assessment report PKA-A158 and have taken into account of curing time.
 (4) 9mm fibre cement sheet can replace 13mm moisture resistant plasterboard while maintaining same Acoustic and FRL ratings.
 (5) 75x50mm 1.15BMT base slotted angle must be used instead for WSW20.