

NOTE:  
KNAUF FIRESTOP®LININGS CAN BE  
INSTALLED HORIZONTALLY OR  
VERTICALLY, OR WITH MIXED  
ORIENTATION TO KNAUF SPECIFICATIONS

RONDO DEFLECTION HEAD J-TRACK FIXED  
TO CONCRETE SOFFIT WITH APPROVED  
FASTENERS @ 600mm CTRS MAX AND  
100mm MAX FROM ENDS

25mm KNAUF SHAFTLINER™MOULDSTOP PANEL

WHERE SHAFTWALL EXCEEDS MAXIMUM AVAILABLE  
PANEL HEIGHT, POSITION SHAFTLINER™MOULDSTOP  
END JOINTS WITHIN UPPER AND LOWER THIRDS OF  
WALL. ALTERNATE THE JOINTS TOP AND BOTTOM  
WITH THE ADJACENT PANELS AND REINFORCE END  
JOINTS WITH HORIZONTAL RONDO CH-STUDS.

RONDO CH-STUDS @ 600mm CTRS MAX

KNAUF INSULATION AS REQUIRED

RONDO J-TRACK FIXED TO CONCRETE SLAB  
WITH APPROVED FASTENERS @ 600mm CTRS  
MAX AND 100mm MAX FROM ENDS

20mm MAX GAP CONTINUOUSLY FILLED WITH  
FIRESOUND®SEALANT AT HEAD OF SHAFTWALL

TWO LAYERS OF KNAUF FIRESTOP®AS SPECIFIED FOR  
SHAFTWALL SYSTEM. STAGGER JOINTS BETWEEN LAYERS  
300mm MIN VERTICALLY AND HORIZONTALLY.

OUTER/SINGLE LAYER FIXED WITH TYPE "S" OR  
"D" SCREWS @ 300mm CTRS MAX ON STUDS

INNER LAYER FIXED WITH TYPE "S" OR "D"  
SCREWS @ 600mm CTRS MAX ON STUDS AND  
AT SHEET ENDS AND CORNERS

TAPE AND SET JOINTS WITH PAPER TAPE ON  
EXTERNAL LAYERS ONLY

STOP EXPOSED FASTENERS ON FACE LAYER ON  
FACE LAYER ONLY

OUTER/SINGLE LAYER FIXED WITH TYPE "S" OR  
"D" SCREWS @ 200mm CTRS MAX AT SHEET ENDS AND  
CORNERS. SCREWS STAGGERED IN ABUTTING SHEETS

SCREW FIXINGS 10mm-16mm FROM EDGE OF SHEET

6-10mm GAP CONTINUOUSLY FILLED WITH FIRESOUND®  
SEALANT AT BASE OF SHAFTWALL

SHAFTWALL INSTALLATION OVERVIEW  
SCALE NTS FRL AS PER TABLE  
[FC12549]

LINING SIDE 1	LINING SIDE 2	FRL
1x25SL	2x13FS	-/90/90
1x25SL	1x13FS + 1x16FS	-/120/120
1x25SL	2x16FS	-/120/120

SL=SHAFTLINER™MOULDSTOP FS=FIRESTOP®

- Notes:
- Recommendation and proposed systems are subjected to the project engineer and building surveyor/certifier's approval. If approved, a copy of the construction drawing should be sent to Knauf for review.
  - All details provided in this document are to be read in conjunction with the relevant Knauf brochures. All installation and construction details are to be in accordance with Knauf's specification.
  - All acoustic ratings provided are  $\pm 2$ dB for Rw, and  $\pm 3$ dB for Rw+Ctr.
  - Any lining designated as FIRESTOP can be replaced by IMPACTSTOP or MULTISTOP ONE or ONE HI of equal or greater thickness without adversely affecting fire resistance level or acoustic rating. Replacing IMPACTSTOP or MULTISTOP ONE or ONE HI with FIRESTOP may reduce acoustic performance, refer Knauf for information.
  - Any lining designated as 10mm SHEETROCK ONE can be replaced by 10mm SHEETROCK PLUS without adversely affecting acoustic rating. Replacing 10mm SHEETROCK PLUS with 10mm SHEETROCK ONE may reduce acoustic performance, refer Knauf for information.
  - Any lining designated as 13mm SHEETROCK ONE can be replaced by 13mm WETSTOP without adversely affecting acoustic rating. Replacing 13mm WETSTOP with 13mm SHEETROCK ONE may reduce acoustic performance, refer Knauf for information.

2	MARKET UPDATE	TH	01/10/25
1	APPROVED FOR ISSUE	DA	15/09/22
REV:	DESCRIPTION:	BY:	DATE:

AMENDMENTS:

**KNAUF**

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SHAFTWALL INSTALLATION OVERVIEW		
GS	2	01/10/25
DRAWN.	REVISION.	DATE.
SHW-002		
DRAWING NO.		