RICHTER SYSTEM UK

SPECIFICATION CLAUSES.

K10 PLASTERBOARD DRY LININGS/PARTITIONS/CEILINGS
METAL FRAMED SUSPENDED CEILING.

RESILIENT BAR CEILINGS

Ceiling Lining on metal framing to underside of timber joist.

- **Specification Ref:**
- **Richter System® Resilient Bar Ceiling.**
- **Structural Soffit:**
- **January 2005 Robust Details Appendix E base floor. Timber joists (235 x 50mm) at 450mm centres with 18mm OSB (11kg/m2) screw fixed. 100mm Crown roll (10kg/m2) between joists.**
- **Suspension System:**
  Richter System Resilient bars fixed to underside of joists at 400mm centres, screw fixed to every joist through 4x3mm slot with coarse thread drywall wood screw. Chamfer of underside screw head to locate against timber, (do not over tighten screw to enable movement of screw in slot)..
- **Lining:**
- **First layer, 19mm plank (nom 13.5kg/m2) screwed to resilient bars with 32mm drywall screw. second layer, 12.5mm board (nom. 10kg/m2) screw fixed with 42mm drywall screw, through fist layer, to resilient bar, all joints staggered. Total board mass 23-25kg/m2.**
  Fixing: First layer Screw @ 300mm centres reducing to 150mm at perimeters, Second layer Screw @ 230mm centres reducing to 150mm at perimeters.
  Screws: 32mm RiDa Drywall Screws first layer & 42mm RiDa Drywall Screws second layer. Special attention should be taken to ensure screws only locate into the Resilient Bars and do not make contact with the joist
- **Insulation:**
- **100mm thick Multi-purpose matt min. density 10 kg/m²**
  Acoustic sealant:
  Location at junction between edge board and wall, and at other air paths.
  Apply a continuous bead to clean, dry, dust-free surfaces, leaving no gaps. After application of sealant, bulk fill finish face of board.
- **Finishing: As specified.**
- **Accessories:**
- **Other requirements:**

The above construction has been tested in accordance with Appendix E of Robust details part E, exceeding the required performance.

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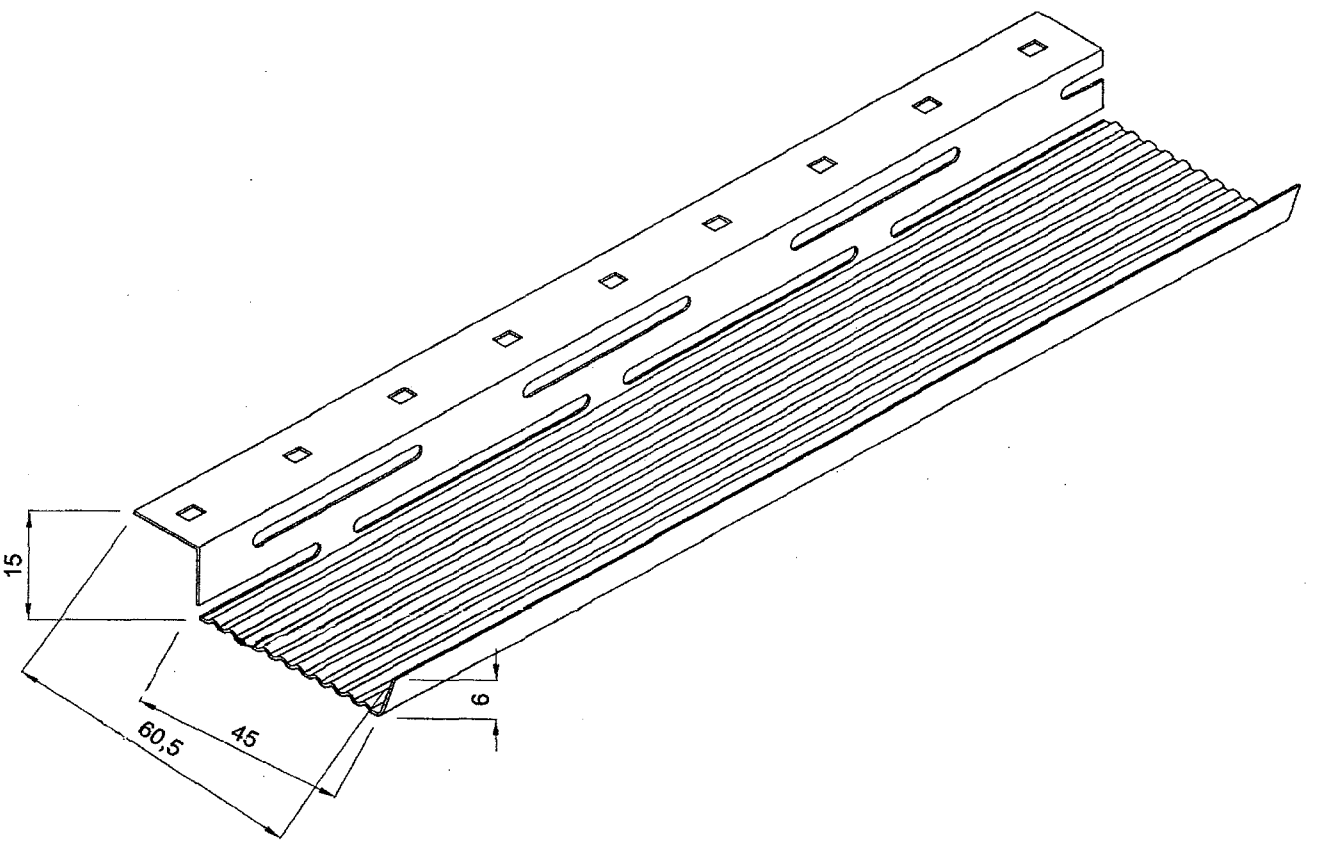
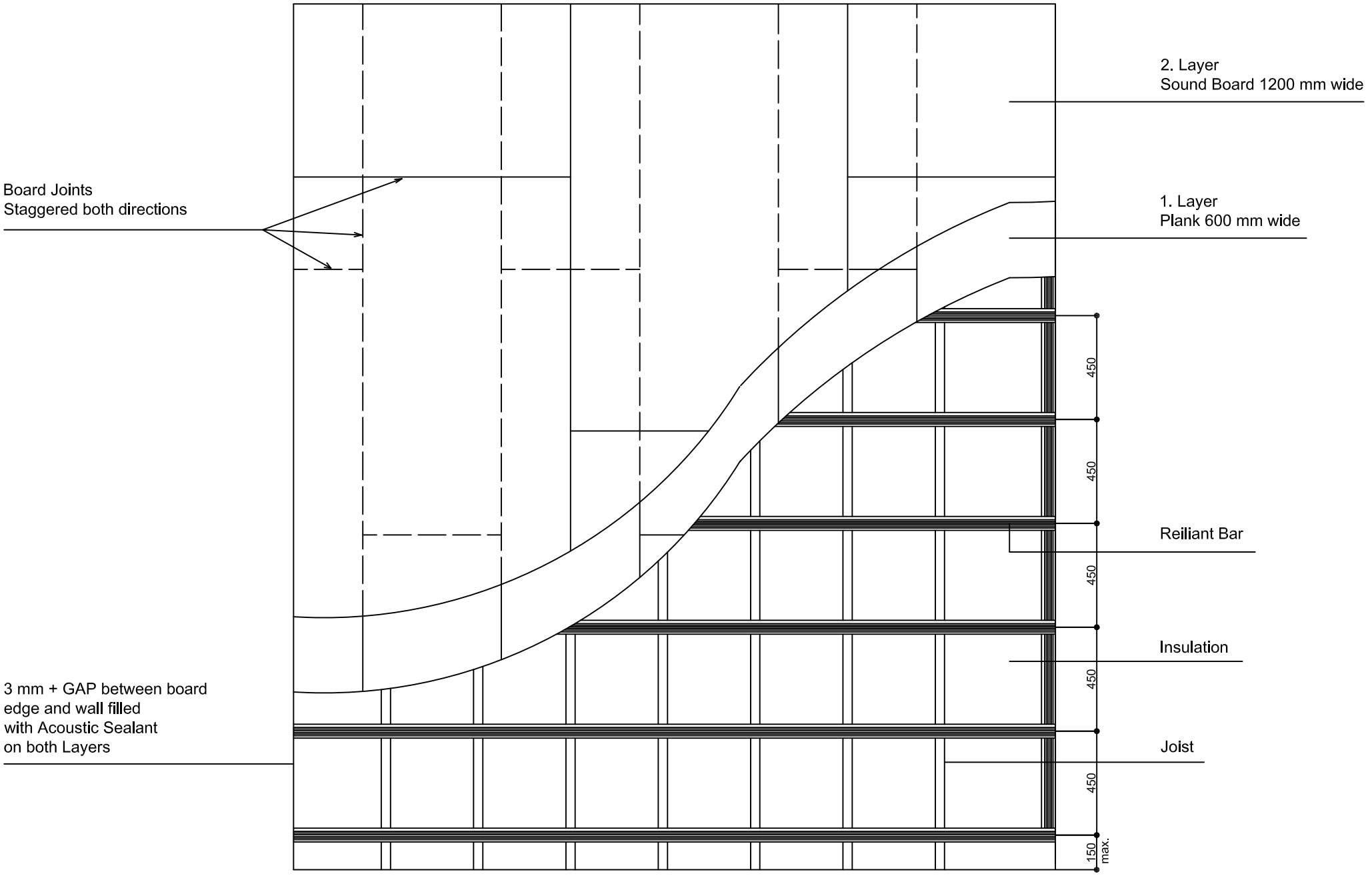


**** TESTED AND COMPLIANT WITH APPENDIX E OF ROBUST DETAILS PART E ****

Project.	RESILIENT BAR	**Material :**	
		Type and Tolerance:	Z2/G275. +/- 0.06mm to BS EN 10142
Title.	**RESILIENT BAR**	Flange Tolerance:	+/- 0.75mm to BS EN 10142
		Angular Tolerance:	2 degree from design to BS EN 10142
Size:	60 x 15 x 0.55 x 3000mm	**Marking :**	Resilient Bar 3000 mm BS 7364:1990

	Date	**Scale**	**Drawn by**	**Drg. Nr.**
	18/05/05	NTS	ALD	**restw474**

All items are manufactured to BS 7364 : 1990.


2. Layer
Sound Board 1200 mm wide
Board Joints
Staggered both directions
1. Layer
Plank 600 mm wide
450
450
Reiliant Bar
450
Insulation
450
3 mm + GAP between board
edge and wall filled
with Acoustic Sealant
on both Layers
Joist
450
150
max.