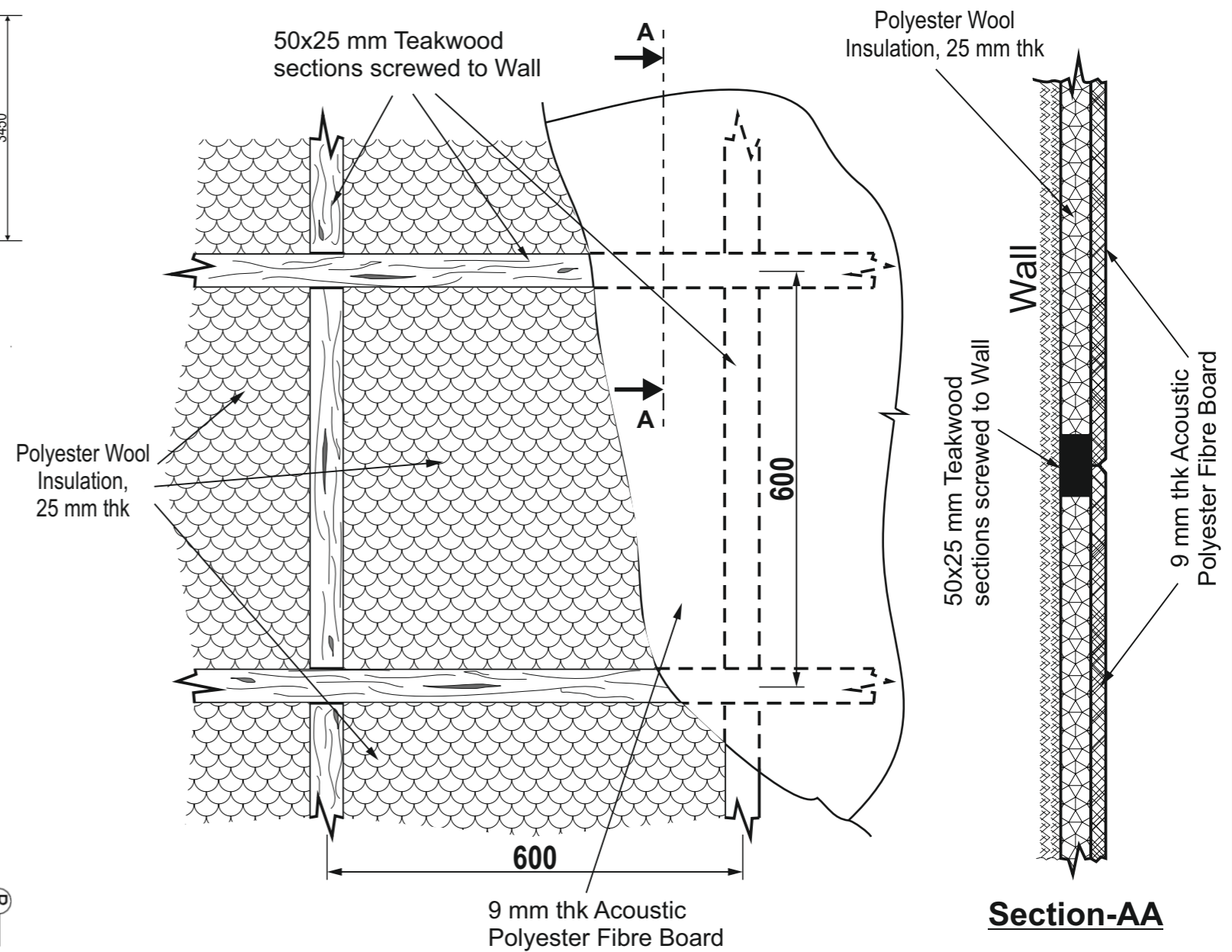


— Wall for Acoustic panelling



Details of Acoustic Wall Panelling


- Wall panelling with 9 mm thick bevelled edge Polyester Fibre Board over 50x25mm Teakwood sections framework consisting of horizontal and vertical members @ 600mm C/C (Max).
- Gap between wall and fibre board shall be filled up with polyester wool insulation (25 mm thick).
- Polyester fibre boards shall be fitted over teakwood structure with SS screws/plugs.
- Shade and texture of panel board should be got approved by the competent authority.
- Make/brand of Acoustic Fibre board: Armstrong/ Dexune /Times / Unitone/ SIPLA

Polyester Fibre Board Panel :

- a) Size of each panel board: 600 mm x 600 mm
- b) Surface finish : Matt
- c) Density : 200 kg/m³
- d) Thickness : 9 mm
- e) Noise Reduction Coefficient (NRC) : 0.80
- f) Fire Rating: Euro class B and ASTM E-84-08
- g) Thermal conductivity : 0.030 W/ m.k

Polyester Wool Insulation :

- a) Thickness : 25 mm
- b) Density : 20 kg/m³
- c) Thermal Conductivity : 0.034 W/m.k
- d) Acoustic insulation with NRC : 0.80
- e) Fire retardant
- f) Completely non-toxic and itch-free
- g) Temperature range of --> 15 to 120°C

NATIONAL COUNCIL OF SCIENCE MUSEUMS 			
UNIT : NE Zone		PROJ: SRSC Kokrajhar	
DRG. NO. CIVIL-08/12/2020	DATE 01/07/2020	SCALE 0 : 00	TOLERANCE 0.25mm
TITLE:- Acoustic Wall Panelling of Auditorium			NO OFF.
DRN. BY MINAKSHI DUTTA	CKD. BY	APPRD. BY	