

Products: VERLIMBER [VR16-25WW]
AWS-HD WASHER
ABUM12 BUSH

Application: Timber Stadia Seating

Why choose Farrat for Acoustic Isolation of Timber Stadia Seating?

For smaller cinema auditoria or refurbishments where access is constrained, a timber frame seating structure may be the only option. Effective isolation of timber seating structures proves challenging as the dynamic (live) loads are very high relative to the static (dead) loads, and the timber frame design may require full area support, further lowering the pressure on the acoustic isolation.

These challenges mean that a high performance isolator is required that can provide excellent vibration isolation performance at dead loads, whilst still being able to withstand the peak loads when the seating structure is full.

To find out more about the products used, please see the following Farrat Datasheets:

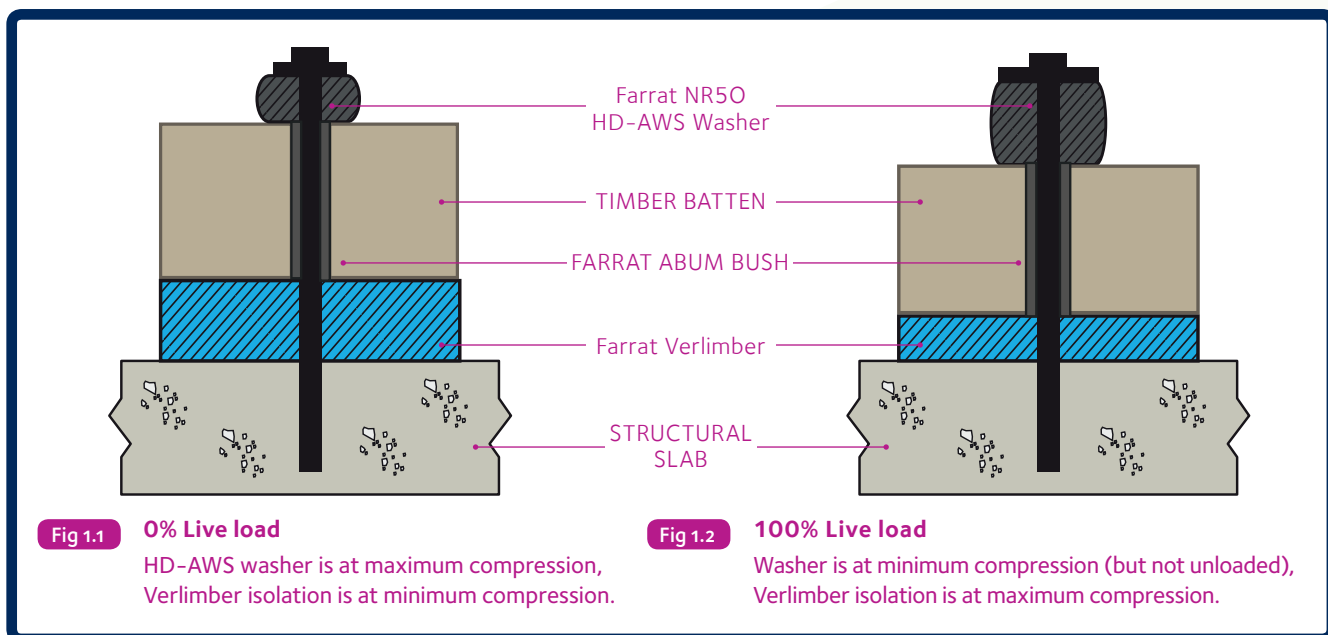
AVM - VR16 - 16a (Verlimber)

AVW - AWSHD - 16a (AWS-HD Washer)

AVW - ABUM - 16a (ABUM Bush)

Available to download at: www.farrat.com

SEE OVERLEAF FOR PRODUCT SPECIFICATION DETAILS



Features

- Verlimber VR16 has the capacity to deflect by up to 40% as part of a normal loading cycle and can provide a high level of acoustic isolation over a wide range of loads
- AWS-HD washers ensure that bolt tension is always maintained
- The ABUM bush dimensions are designed to match an M12 mechanical anchor, so only one drilling operation is required

For more information on using acoustically isolating timber stadia seating (including standard details), please see the following Farrat Technical Brochure:

- Application - Cinemas
- Acoustic Floating Floors

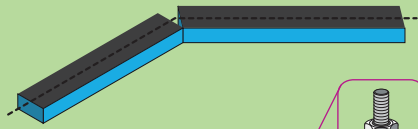
Available to download at: www.farrat.com

Timber Stadia Seating – site applications:

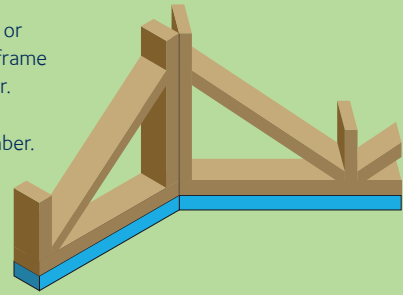


Installation Instructions

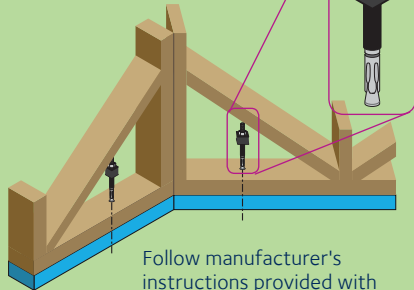
1. Lay Verlimber strips out to set-out centre line of the timber frame. Small gaps to allow for changes in direction/curves are acceptable. Strip width should be equal to the timber bearer width.



2. Lay timber beams or pre-constructed frame onto the Verlimber. Ensure pads are centred to the timber.



3. Drill 18mm hole through timber, Verlimber and into concrete at ~600mm centres. Place mechanical anchor into hole, followed by ABUM bush, AWS-HD washer then the lock nut.



Follow manufacturer's instructions provided with mechanical anchors

4. Tighten the nut so that the AWS-HD washer compresses by 8-12mm. Alternatively, to assist with correctly achieving finished levels, artificially load the frame, then simply finger tighten the nut.

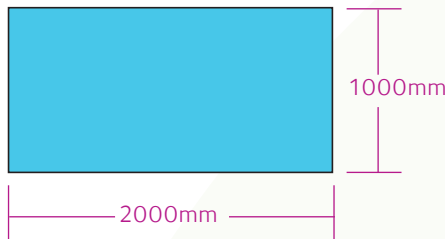


Ordering from Farrat

VERLIMBER [VR16-25WW]

Fig 2.1 Dimensions - Verlimber Sheet

VERLIMBER VR16-25WW is stocked in 2000 x 1000 mm sheets. Strips supplied are 1000mm long and cut to width.



Farrat Order Code:

2	Z	V	R	1	6	2	5	W	W	1	0	0	0	#	#	#	#	H	O
2	Z	V	R	1	6	2	5	W	W	1	0	0	0	0	0	9	0	H	O

Add strip width as 4 digit code as shown above for 90mm = 0090

Availability:

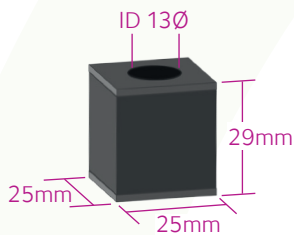
THICKNESS	TREAD
25 mm	Woven / Woven

Typical Lead Times:

2 - 3 working days but if cutting is required please add 5 days

AWS-HD WASHER

Fig 2.2 Dimensions - AWS-HD



Farrat Order Code: (single washer)

2	A	W	S	H	D
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Typical Lead Times: 10 - 15 working days

ABUM-12 BUSH

Fig 2.2 Dimensions - ABUM-12



Farrat Order Codes:

2	A	B	U	M	1	2	-	0	0	4	0
2	A	B	U	M	1	2	-	0	2	0	0
2	A	B	U	M	1	2	-	1	0	0	0

Typical Lead Times: 2 - 3 working days

All information in this datasheet is for guidance only based on current knowledge and may be subject to change and correction.