



# Installation Guide for Sonata Vario Acoustic Absorbers



## IMPORTANT NOTE

It is essential that the Vario absorbers have acclimatised to the ambient temperature and humidity levels of the room prior to fitting. The Vario absorbers are supplied in cardboard cartons and should be given a minimum of 24 hours prior to installation. Sonata Vario absorbers are designed to be installed onto either walls or ceilings and in either portrait or landscape orientation.

## Wall Installation

For installation onto walls the Vario mounting brackets are required. Vario mounting brackets are available in 2 sizes to fit the following standard panels.

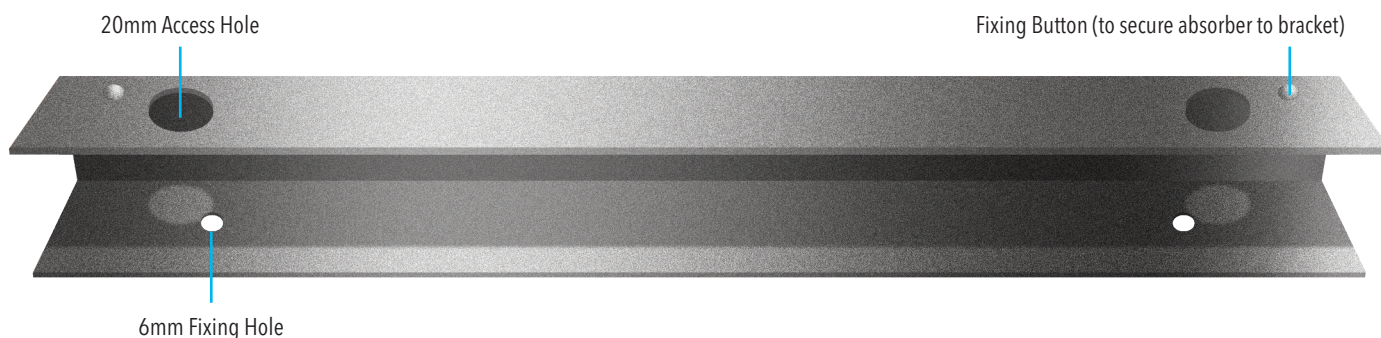
## Pre-installation preparation:

1. Ensure the background is flat, dry and free from protrusions, dust and any friable material.
2. Mark background with the position of the absorbers using appropriate means, for instance, low-tack masking tape to indicate final position of Vario.

Vario Absorber Size	Portrait Fixed on Sides	Portrait Fixed on Top & Bottom	Landscape Fixed on Sides	Landscape Fixed Top & Bottom
1200 x 1200mm x 50mm	Large Brackets	Large Brackets	Large Brackets	Large Brackets
1200 x 1000mm x 50mm	Large Brackets	Large Brackets	Large Brackets	Large Brackets
1200 x 800mm x 50mm	Large Brackets	Small Brackets	Small Brackets	Large Brackets
1200 x 600mm x 50mm	Large Brackets	Small Brackets	Small Brackets	Large Brackets
1200 x 500mm x 50mm	Large Brackets	Small Brackets	Small Brackets	Large Brackets
600 x 600mm x 50mm	Small Brackets	Small Brackets	Small Brackets	Small Brackets
600 x 500mm x 50mm	Small Brackets	Small Brackets	Small Brackets	Small Brackets

## Method of Installation

1. When the panel locations have been marked on to walls, fixing holes need to be drilled to secure the mounting brackets into place.
2. These fixing holes should be 60mm in from the long edge of the panel and 185mm in from the short edges (135mm for 600 x 500mm panels).
3. Once the fixing holes have been drilled and prepared for the appropriate fixing type, the brackets can be secured to the wall through the 6mm fixing holes located at each end of the brackets.
4. Once the mounting brackets are secured into place the Vario panel can be fitted by aligning the keyhole cut-outs on the rear of the panel with the fixing button on the brackets.
5. The keyhole cut-outs are 'G' shaped to provide a secure fit. When aligned correctly the weight of the Vario panel will keep it in place.



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## Ceiling Installation

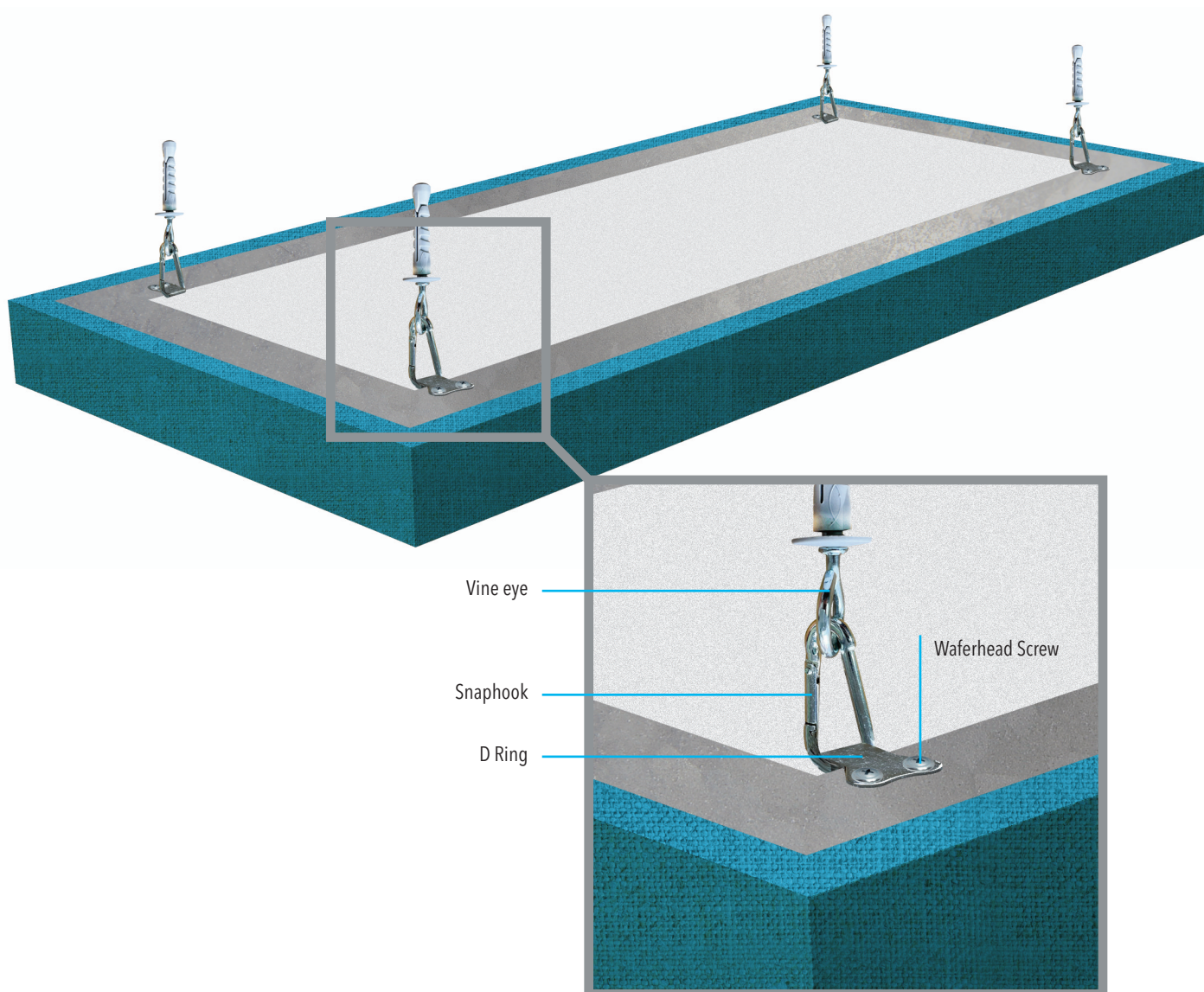
For installation onto ceilings the Vario Suspension Pack is required.

### Pre-installation preparation:

1. Ensure the background is flat dry, and free from protrusions, dust and any friable material.
2. Mark background with the position of the absorbers using appropriate means, for instance, low-tack masking tape to indicate final position of Vario.

### Method of Installation

1. When the panel locations have been marked on to ceilings the suspension fixings need to be applied on to the rear backing frame of the Vario absorber. Each pack of suspension fixings should contain 4 'D' Rings, 8 Waferhead screws, 4 Snaphooks and 4 Vine Eyes. The 'D' Rings are secured to the rear of the frame by using the Waferhead screws. The positioning of the fixings is recommended to be approx 115mm in from each sort edge of the panel at each corner although this can be adjusted to suit a clients needs. Particular attention needs to be paid to the positioning of the fixings if there are any existing services located on or in the ceilings at the proposed fixing positions.
2. With the 'D' Rings applied to the rear frame of the Vario absorber, fixings into the ceiling need to be prepared. If suitable for the ceiling type, holes need to be drilled and plugged into the ceiling to accept the Vine Eyes. These fixings should be set out at the same distances as the 'D' Rings on the rear frame to ensure that they locate correctly.
3. Once the fixing holes have been drilled and prepared, the Vine Eyes can be installed ready for connection to the 'D' Rings.
4. The Snaphooks from the Vario Suspension Pack should be clipped onto the 'D' Rings and the panel can be offered up for installation.
5. With the Snaphooks in place on the rear of the panel, simply clip the Snaphook over the Vine Eye and the installation is complete.



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