

INSTALLATION GUIDE

Soft dB

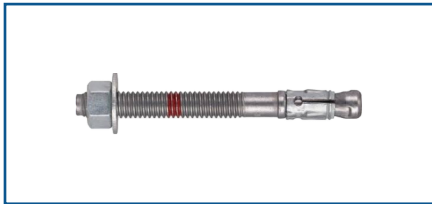
ACOUSTIC BARRIERS



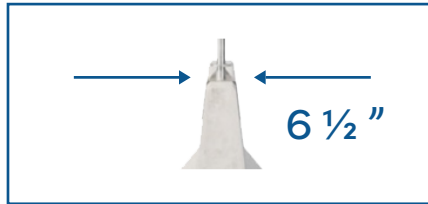
PRE-INSTALLATION CHECKLIST

Soft dB

REQUIRED MATERIAL



Anchors¹: Kwik Bolt TZ2 5/16" – 3" with recess 2" or equivalent product
The quantities required are 8 anchors/vertical posts and 4x anchors/braces.

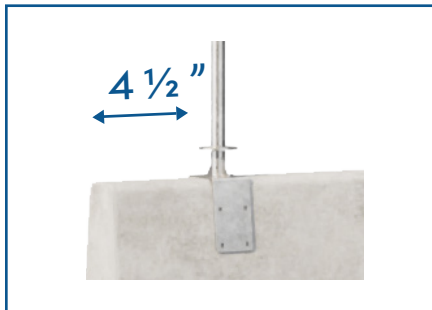


Jersey-type concrete blocks with a maximum width of 6½" for the installation of the structure.

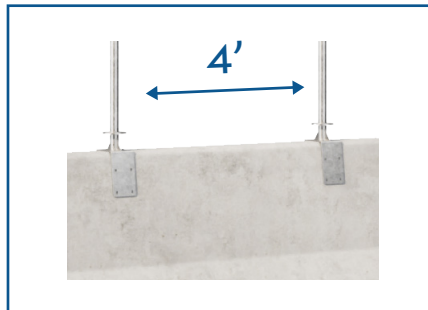


Concrete blocks capable of supporting bracing loads. Refer to the technical data sheet for applicable loads and block sizing.

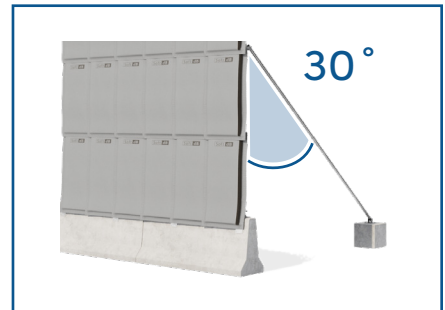
ANGLES AND SPACING CRITERIA



A minimum distance of 4½" is required between the end of the vertical support and the edge of the concrete block for end posts.



If 90° or 45° configurations are planned, take into consideration 4" spacing between vertical posts when purchasing/installing concrete blocks.



The angle from the vertical must be 30° maximum.

⚠ WARNING

- Installing Soft dB barriers on any structure will increase structural and environmental loads. When installing on a structure other than that supplied by Soft dB, **structural load validations are the user's responsibility.**
- The stability of the ground must be validated by the user during installation to ensure a safe installation.
- Bracing is required to support two - and three - row barrier installations. Refer to your rental agreement for the required spacing between braces.

INSTALLATION PROCEDURE

Soft dB

ASSEMBLY SEQUENCE

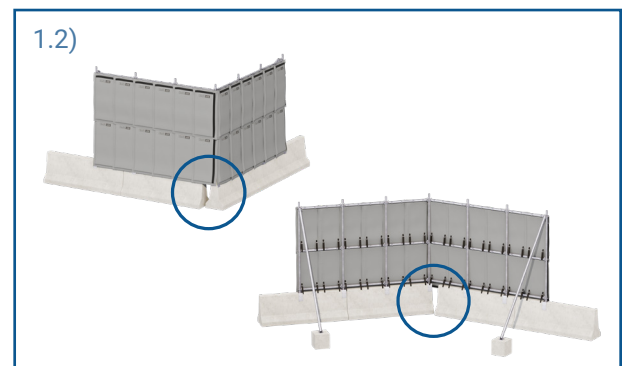
OVERVIEW

- 1- INSTALL THE CONCRETE BLOCKS.
- 2- ASSEMBLE THE STRUCTURE.
- 3- HANG THE ACOUSTIC BARRIERS USING THE INTEGRATED HOOKS.
- 4- SEAL THE BARRIERS TOGETHER WITH VELCRO.
- 5- SECURE THE BARRIERS TO THE STRUCTURE USING THE STRAPS.

ASSEMBLY PROCEDURE - DETAILED INSTRUCTIONS

1- Install the concrete blocks:

- 1.1) Align and level the Jersey-type concrete blocks according to the chosen configuration.
- 1.2) For 90° and 45° configurations, it is important to seal the opening between the two concrete blocks to maintain the acoustic performance of the screen.



2- Assemble the structure:

- 2.1) Place, without anchoring the support, the first vertical post at the end of the concrete block, respecting the minimum distance of 4½".
- 2.2) Secure the horizontal bars using the ring-lock system to the vertical post. Install the second vertical post and secure the horizontal bars.



DETAILED INSTRUCTIONS

Soft dB

2.3) Anchor the supports of the two vertical posts with the concrete anchors (8 anchors per support).

2.4) Repeat steps 2.1) to 2.3) until the desired length is reached.

2.5) If necessary (configuration of a 3-row height (rendu WL)), add the connecting tube to the existing vertical posts and add the vertical extension to it.

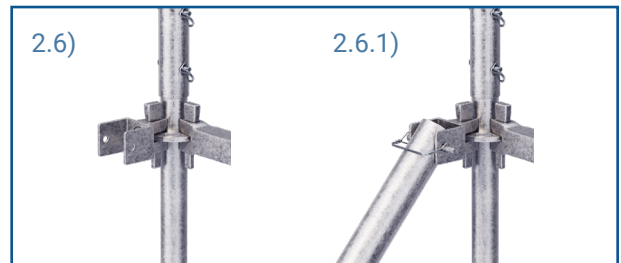
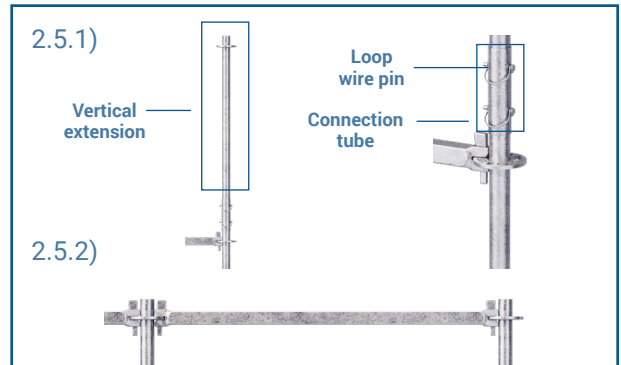
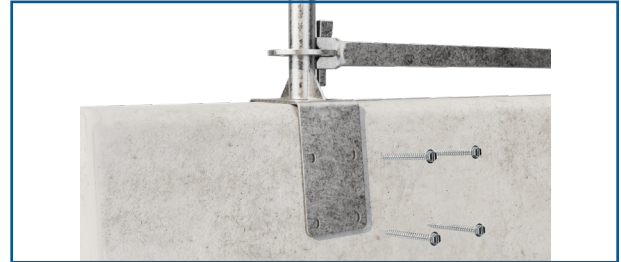
2.5.1) Add the two loop wire pins ($2\frac{3}{4}$ ") to secure the extension.

2.5.2) Add the horizontal bars.

2.6) Attach the connector to the scaffolding ringlock rosette. Attach the brace to the connector with the 4" loop wire pin.

2.7) Assemble the halves of the brace and add the 4" loop wire pin to secure.

2.8) Anchor the braces to the previously installed concrete blocks. Refer to the technical data sheet for the loads at the base of the braces for the choice of anchors.

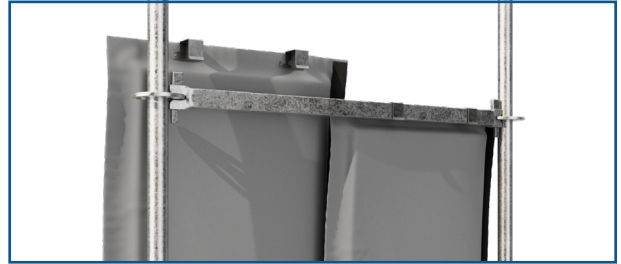


DETAILED INSTRUCTIONS

Soft dB

3- Hang the acoustic barriers using the integrated hooks:

- 3.1) Positioning yourself on the receiving side (opposite the construction site), hang the integrated hooks of the barriers on the horizontal bars, starting with the bottom row from left to right. **The self-locking straps must be on the side of the construction site.**



- 3.2) Continue installing the barriers with the second row from left to right.



- 3.3) Repeat as needed for the third row.

4- Seal the barriers together with Velcro:

- 4.1) Overlap the barriers so that the Velcro is no longer visible to ensure acoustic sealing.



5- Secure the barriers to the structure using the straps:

