DTAC®



INSTALLATION MANUAL
CARPET PLATE SYSTEM

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USER/INSTALLER

It is imperative that everyone installing DTAC products carefully read this document prior to commencement of installation. DTAC Pty Ltd will not be held liable for the misuse of their products or any damage whatsoever caused as a result of non-compliance with procedures as described in this document.

DTAC Pty Ltd will only honour the product guarantee for the DTAC Tactiles when the product has been installed in accordance with the specified instructions, equipment and products as described within this document.

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IMPORTANT NOTICE

The user/installer is responsible for determining whether the adhesive product is fit for a particular purpose and suitable for the user's/installer's method of application. Please remember that many factors can affect the use and performance of an adhesive product in a particular application.

The factors include but are not limited to: the surface preparation of those materials, the product selected for use, the condition in which the product is used and the time and environmental conditions in which the product is expected to perform.

Given the many factors that can affect the use and performance of an adhesive product, some of which are uniquely within the user's/installer's knowledge and control, it is essential the user/installer evaluate the adhesive product to determine where it is fit for a particular purpose and suitable for the user's/installer's method of application.

If in doubt, always consult with a DTAC Technical Representative prior to commencement of any works.

NOTE: The user/installer should at all times observe the manufacturer's specifications and if required, seek additional information from an authorised DTAC representative.

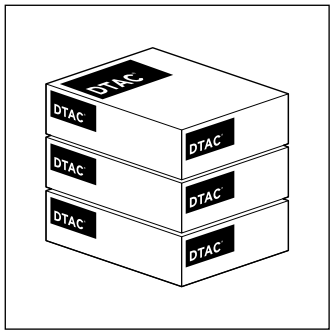
O.H.S.: The user/installer should read in full and be familiar with the precautions to take to ensure the safe use of DTAC products. When using adhesives and cleaners, DTAC recommends wearing latex or vinyl gloves and a respirator that complies with Australia Standards AS1715 & AS1716.

LIGHT REFLECTANCE VALUE (LRV)

IMPORTANT: An LRV testing review is required prior to installation.

To determine a luminance contrast between a substrate and the DTAC Tactile, see: AS/NZS 1428.4.1:2009 and AS 1428.1:2021.

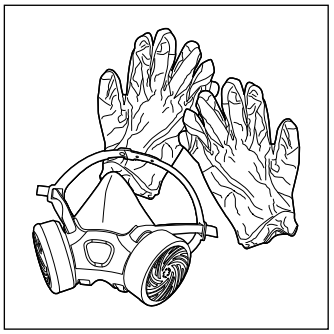
EQUIPMENT REQUIRED FOR INSTALLATION



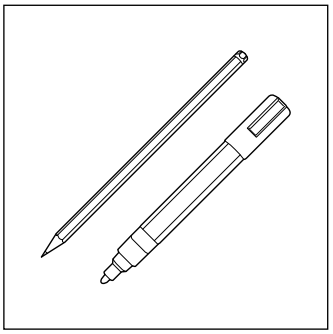
DTAC Tactile Products



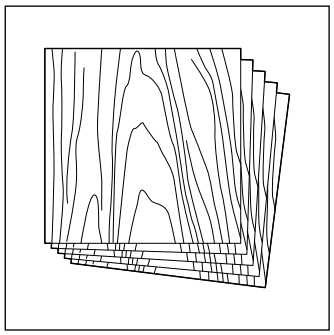
Australian Standards Document



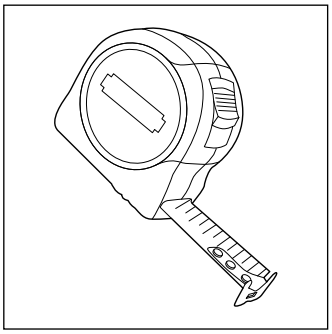
Disposable Latex Gloves and Respirator



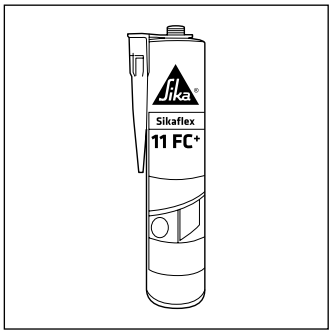
Pencil or White Paint Pen



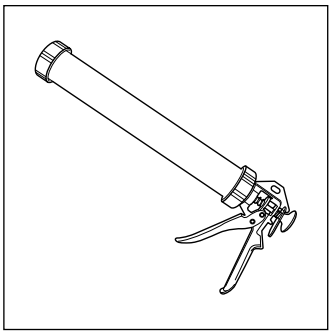
Plywood or MDF Sheets



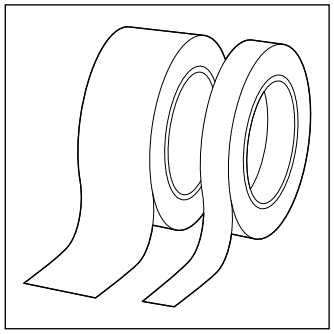
Measuring Tape (Metric)



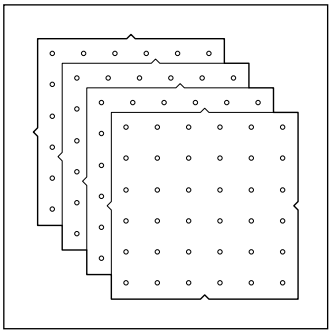
Sikaflex-11 FC+ Multipurpose Adhesive
(Product Code: DTC0470)



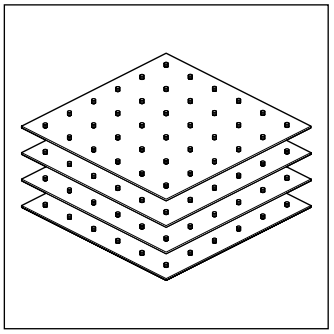
DTAC Caulking Gun
(Product Code: DTC0460)



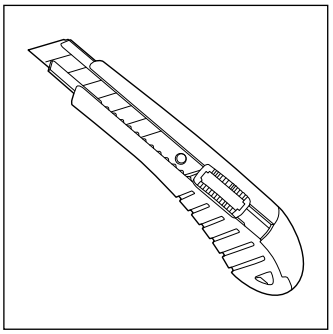
3M Green Masking Tape - 12/36mm **(Product Codes DTC0060 & DTC0050)**



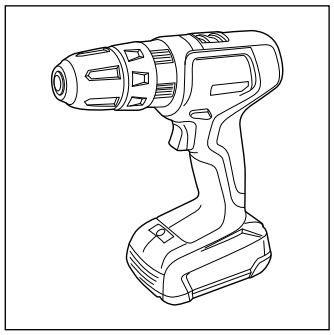
DTAC Cardboard Template
(Product Code: DTEM0030)



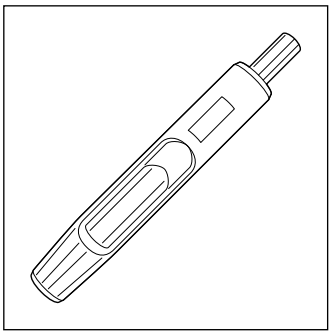
DTAC Carpet Backing Plates
(Product Code: DCS0020)



Retractable Knife



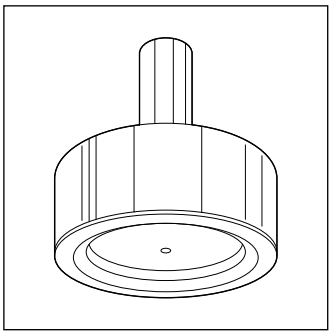
Cordless Electric Drill



Carpet Punching Tool



Loctite 263 High Strength Threadlocker (50ml Bottle)
(Product Code: DTC0440)



Tactile Carpet Tool

CARPET BACKING PLATES

IMPORTANT: Your preferred Carpet Layers MUST be informed to cut the underlay out from around the edge of the Carpet Backing Plates.

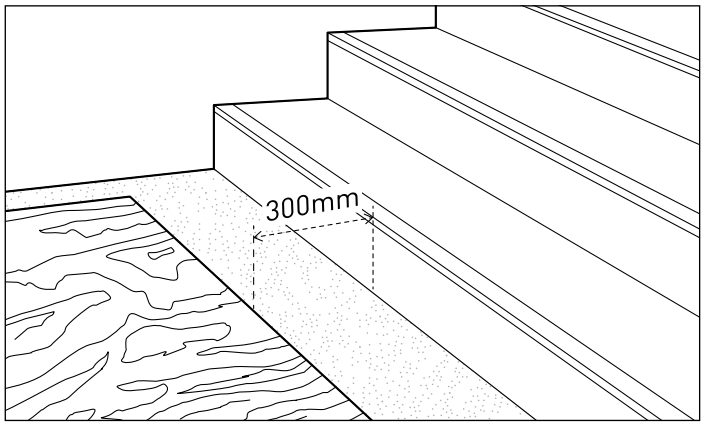
NOTE: Carpet Installations occur in **TWO STAGES:**

1. Carpet Backing Plates are installed BEFORE the carpet is laid.
2. Tactile Indicators are installed AFTER the carpet has been laid.

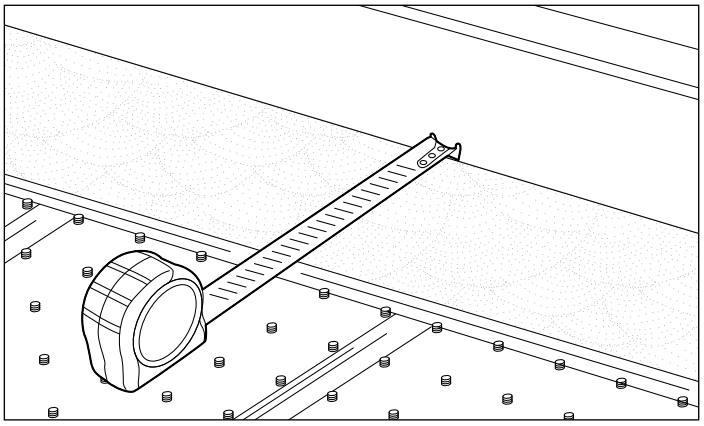
1. Ensure the surface/substrate is clean, dry and free of grease, oil and dust.

2. If the carpet has an underlay, you will need to use a sheet of either MDF or Plywood (at the correct thickness) to "pack up" the Tactiles.

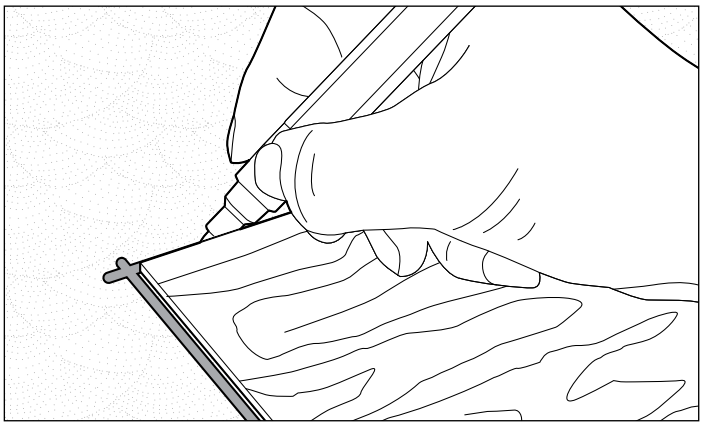
3. Cut the MDF/Plywood to suit the amount of Tactiles you are going to install.



4. Position plywood base according to AS/NZS 1428.4.1.



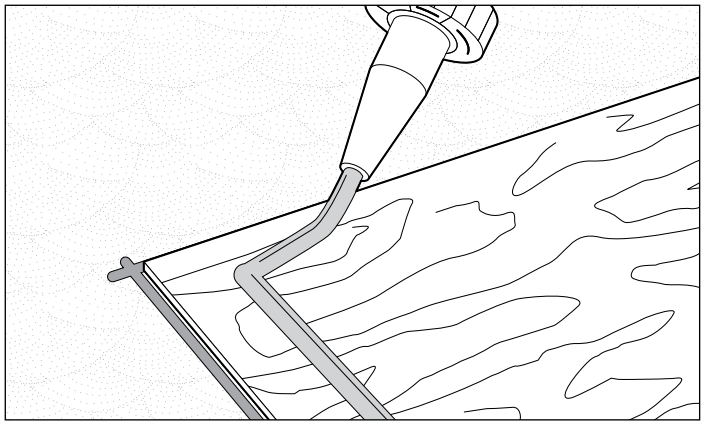
5. Confirm the distance with a Measuring Tape.



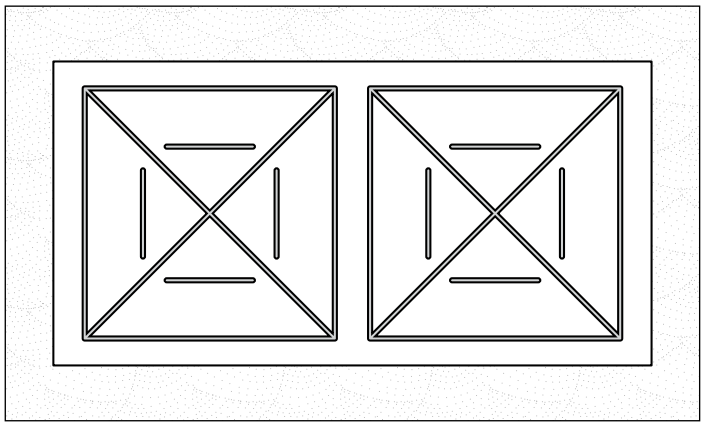
5. Using a Pencil or a White Paint Pen, mark the corners of the Tactile layout.

6. Place the Sikaflex-11 FC+ Multipurpose Adhesive or Sausage into the DTAC Caulking Gun **(Product Code: DTC0460)** and clip into position.

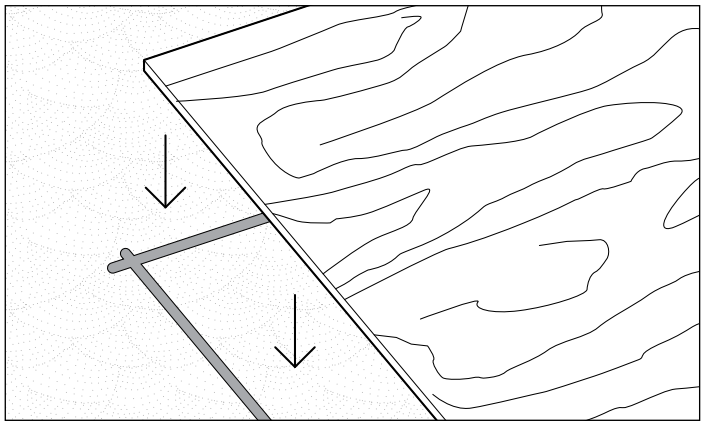
CARPET BACKING PLATES



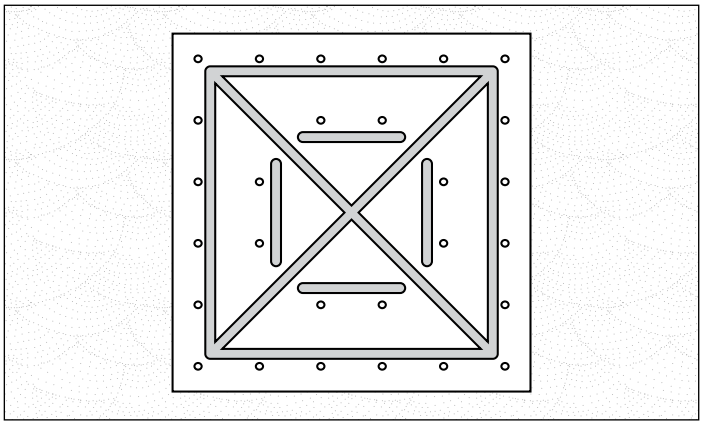
7. Lift the Plywood/MDF base and glue around the edges.



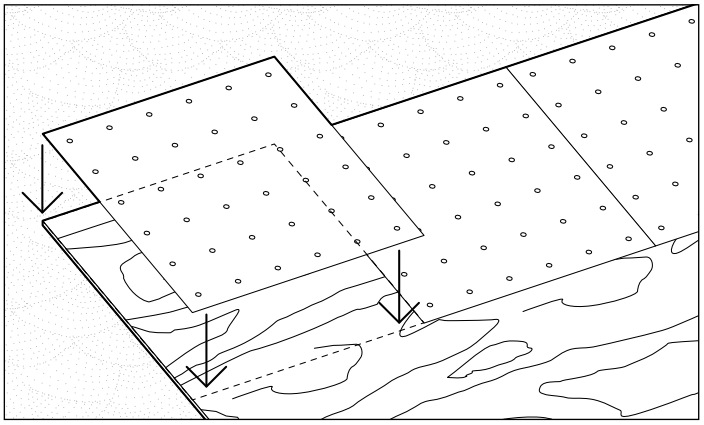
8. Once the edges have been glued, use X shapes and short lines to cover the rest of the base.



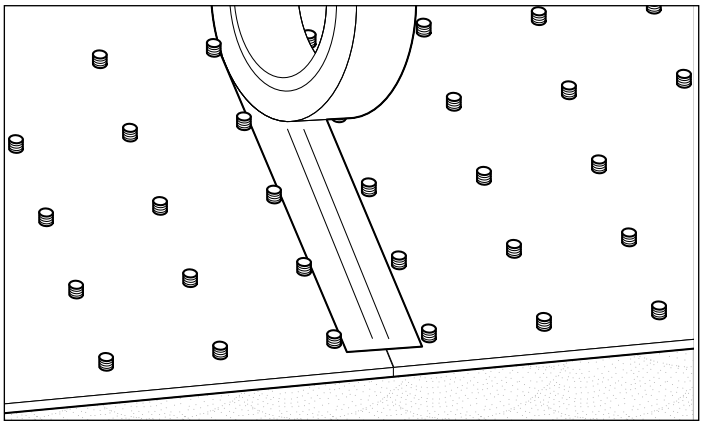
9. Using the Pencil or Marker lines, glue the base to the substrate. Allow time to tack up (see the appropriate Technical Data Sheet).



10. Apply adhesive to the underside of the DTAC Carpet Backing Plates, using the same pattern as the backing board.

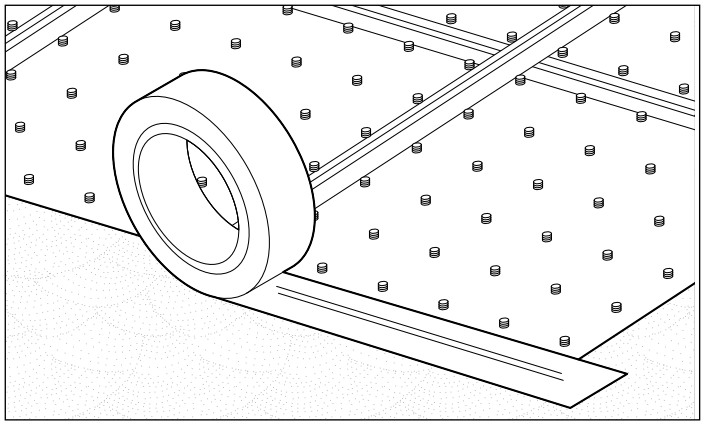


11. Stick the DTAC Carpet Backing Plates to the backing board.



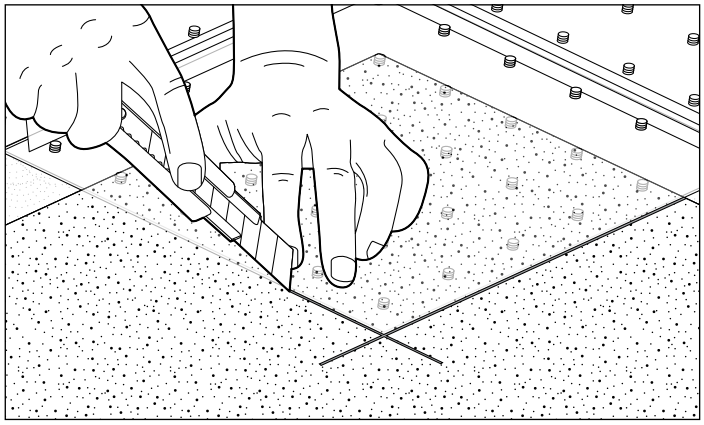
12. Using the 36mm 3M Green Masking Tape **(Product Code: DTC0050)** stick the DTAC Carpet Backing Plates together.

CARPET BACKING PLATES



13. Stick the DTAC Carpet Backing Plates and Base to the substrate.

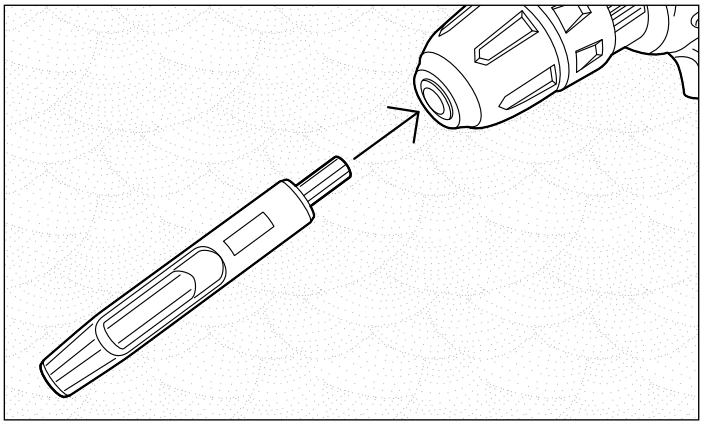
CARPET LAYERS



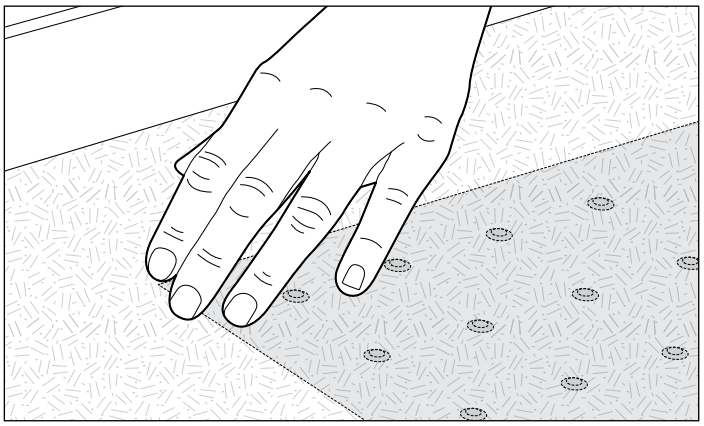
1. If laying underlay, cut the underlay out from around the edge of the DTAC Carpet Backing Plates.

IMPORTANT NOTE: The Underlay is NOT to be laid over the Carpet Backing Plates. ONLY CARPET can be laid over the plates.

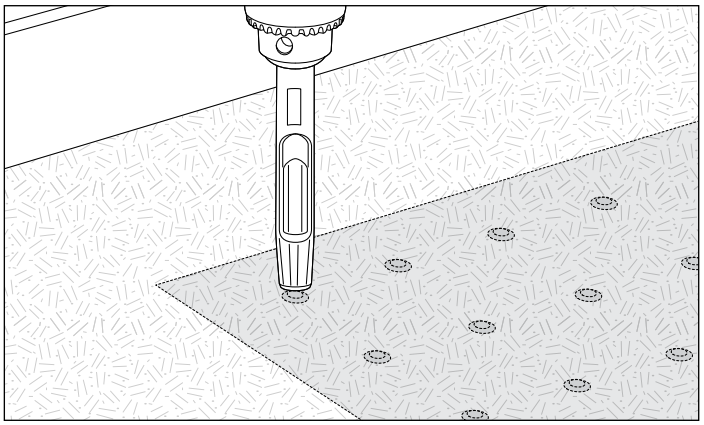
CARPET PREPARATION



1. Insert the Carpet Punching Tool into an Electric Drill.

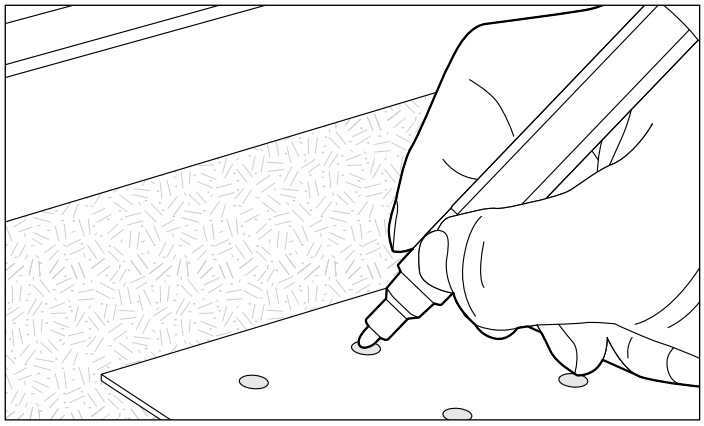


2. Locate the corners of the Backing Plate. In most cases you will be able to see and/or feel them.

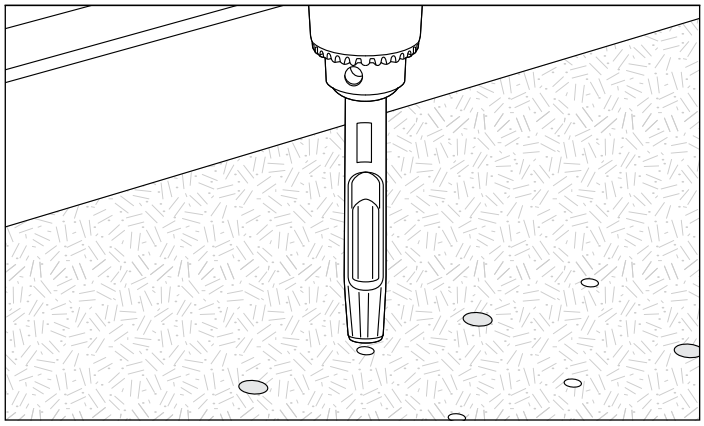


3. Using the Carpet Cutting Tool, drill several holes along the plate (including the corners).

CARPET PREPARATION



4. Using the DTAC Cardboard Template, mark out the rest of the holes. This will ensure all the holes will be in the right position for drilling.



5. Drill all the remaining holes.

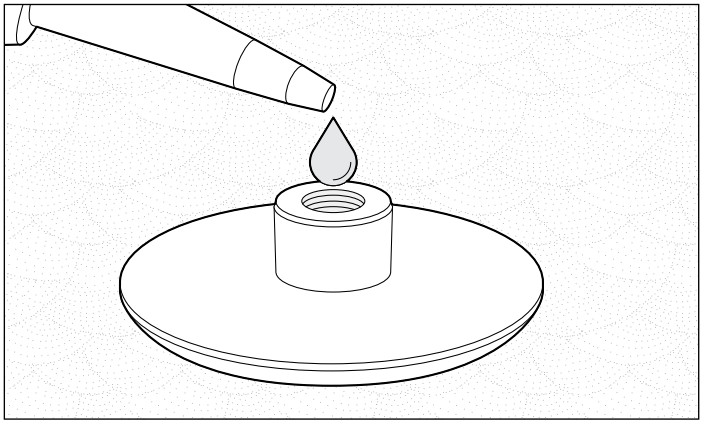
IMPORTANT NOTE: The Carpet Punching Tool can become extremely hot. Ensure you take a break and let it cool as required.

6. Clear out any pieces of carpet or debris from the Carpet Punching Tool with a drill bit or skewer. Remove them from the ejection hole.

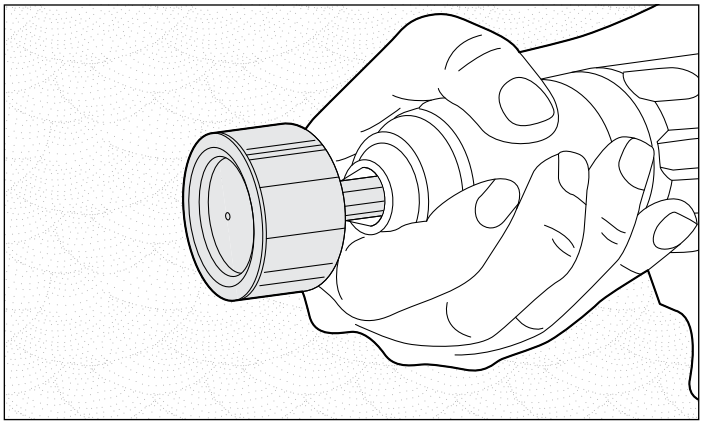
IMPORTANT NOTE: When the Carpet Punching Tool becomes dull, ensure you follow the tool manufacturer's recommendations to sharpen it.

INSTALLING THE TACTILES

1. Shake the Loctite 263 High Strength Threadlocker bottle **(Product Code: DTC0440)** vigourously and cut the tip of the bottle off with a knife or scissors.



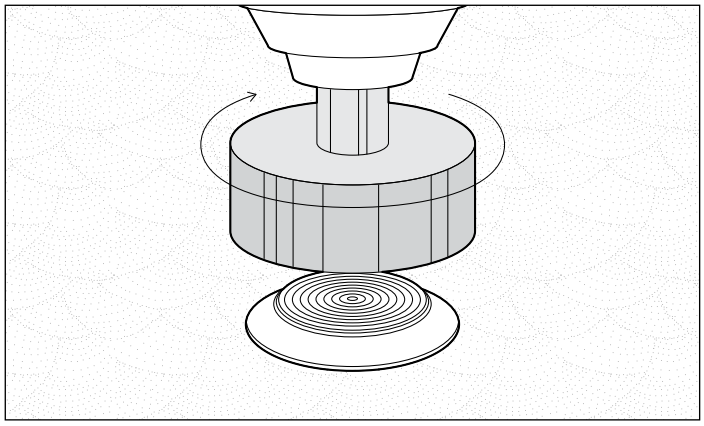
2. Apply Loctite around the stud and inside the thread of the Tactile. To prevent clogging, do not touch the metal with the tip of the Loctite.



3. Insert the Tactile Carpet Tool into your drill and tighten.

IMPORTANT NOTE: Before you tighten the Tactile onto the stud underneath, make absolutely sure the drill will spin in a **Clockwise Direction**.

INSTALLING THE TACTILES



4. Place the Tactile Carpet Tool over the Tactile and tighten.

5. Repeat for all Tactiles. Inspect the installation.

INSTALLATION SUMMARY

CARPET BACKING PLATES

1. Clean substrate/surface according to recommended cleaning schedule.
2. Position DTAC carpet backing plates in accordance to AS/NZS 1428.4.1 and glue to substrate.

CARPET LAYERS

1. Cut the underlay out from around the edge of the Carpet Backing Plates.

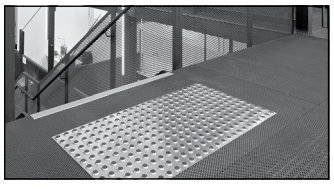
CARPET PREPARATION

1. Position the Carpet Hole Punch over backing plate studs and drill through carpet.

INSTALLING THE TACTILES

1. Apply Loctite around the stud and inside the thread of the Tactile and tighten.

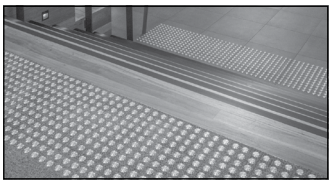
OTHER DTAC PRODUCTS



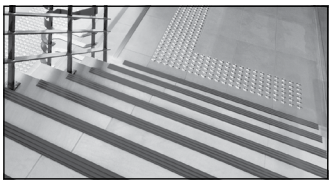
INTEGRATED TACTILES



DIRECTIONAL TACTILES



CARPET TACTILE SYSTEMS



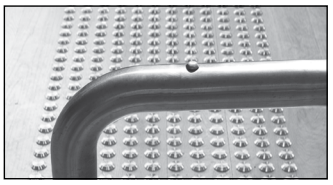
STAIR NOSING & EDGING



THRESHOLDS & TRANSITION STRIPS



URBAN EDGE PROTECTORS



HANDRAIL TACTILE INDICATORS



CONSUMABLES

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