Spex Seating Spex Constructa Shape Cushion

Spex Seating Spex Constructa Shape Cushion User Guide

Contents

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Product Information

Specifications

- **Product Name**: Constructa Shape Positioning Base
- **Adjustability**: Pelvic obliquity, leg length, hip abduction, leg length discrepancy, internal & external rotation, hip flexion
- **Features**: Pre-ischial shelf, leg support contours, positioning blocks, overlay for pressure distribution

Product Usage Instructions

Constructa Shape Positioning Base Adjustment

- **Pelvic Obliquity:** Build up pelvic positioning pads at the back of the cushion and taper thigh positioning pads towards the front.
- **Raised Pre-Ischial Shelf:** Adjust thigh positioning pads underneath the cushion to increase shelf height.
- **Constructa Flex Positioning Base Adjustment**
- **Leg Length:** Use puzzle joint for leg length adjustment or discrepancies.
- **Hip Abduction:** Remove trochanter blocks to adjust legs; replace after adjustment.
- **Pelvic Obliquity:** Add or remove ischial pads for obliquity adjustment.
- **Internal & External Rotation:** Rotate leg wedge for thigh rotation adjustment.
- **Hip Flexion:** Adjust hip flexion angle for each leg; ensure pelvic pads are at suitable height.

Positioning Block & Contour Adjustment – Shape & Flex Overlay

Pre-Ischial Shelf: Position shelf to contain pelvis in ischial well; keep square if thighs are abducted.

Trochanter Block Adjustment: Modify width of ischial well to support trochanters; ensure contour edges align with blocks.

Thigh Support Contours Hip Abduction: Adjust contours to control thigh position; support entire base of contour.

High Contour (HC) Model Adjustment

Pelvic and Thigh Width: Adjust lateral contours for extra width; place at edge of cushion.

Leg Length: Shorten cushion by moving blocks closer or removing thigh block; tuck excess base layer under back support.

FAQ

- **How do I adjust the leg length on the Constructa Flex?**
  - Use the puzzle joint to adjust for shorter leg length or leg length discrepancies. Remove trochanter blocks first for easier adjustment.

Quick Guide Start
Because every body is different.

Scan the code to watch our YouTube guide
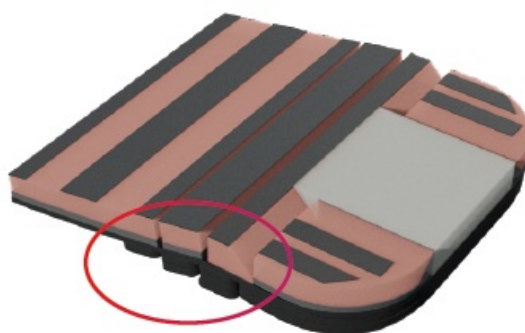

Constructa Shape Positioning Base Adjustment

Pelvic Obliquity 3cm

Build up the pelvic positioning pads to the required height at the back of the cushion, then taper the thigh positioning pads down towards the front of the cushion.

Raised Pre-Ischial Shelf 3cm

If you need a taller pre-ischial shelf, build up the thigh positioning pads underneath the cushion base.

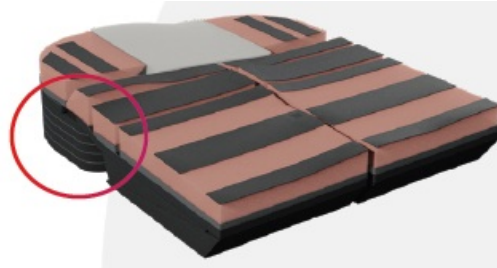**Constructa Flex Positioning Base Adjustment**

Leg Length   -1″
Leg Length Discrepancy

The Constructa Flex has leg length adjustability. Use the puzzle joint to adjust for shorter leg length or leg length discrepancies.

Pelvic Obliquity   5cm
To adjust for a pelvic obliquity, simply add or remove the ischial pads.

Internal & External Rotation 7.5°
Rotate the leg wedge to adjust for a thigh rotation.

Hip Abduction 30°
Windswept Posture 15°

To adjust the legs, remove the trochanter blocks first. This will allow you to move the puzzle joint easily. Replace the trochanter blocks after the adjustment is made.

Hip Flexion 15°

The hip flexion angle can be adjusted for each leg. For more flexion adjustment, rotate the bottom wedge 180°. When adjusting hip angle, make sure to adjust the pelvic pads to a suitable height.
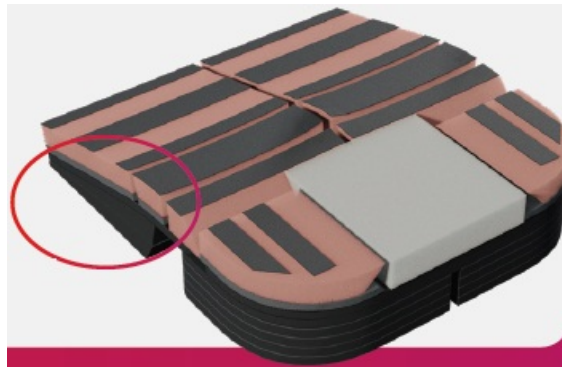
**Positioning Block & Contour Adjustment – Shape & Flex**

Overlay

The overlay provides immersion and pressure distribution, and can cover gaps up to 3cm wide. The cushion must be assessed and used with the overlay.
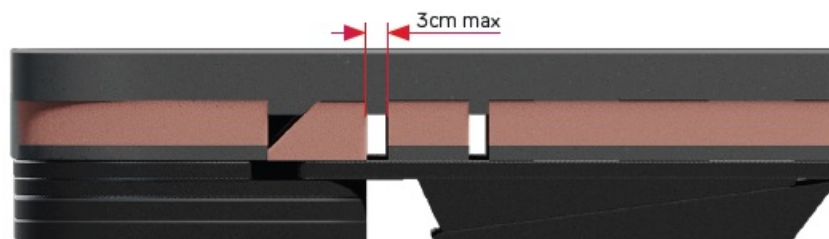

Trochanter Block Adjustment Pelvic & Thigh Width -2″

Adjust the width of the ischial well to support the greater trochanters and distribute pressure. When moving the lateral pelvic contours, make sure to move the trochanter blocks with them.

Check the inner edge of the contour does not cross the undercut in the trochanter block.
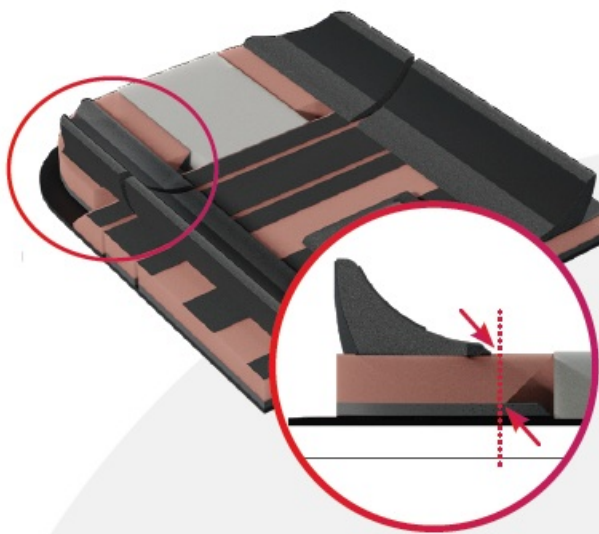

High Contour (HC) model only Pelvic and Thigh Width +1″

The high contour model has +1" of cushion width available by adjusting the lateral contours. Place the base of the contours at the edge of the cushion for extra width.


Standard Position
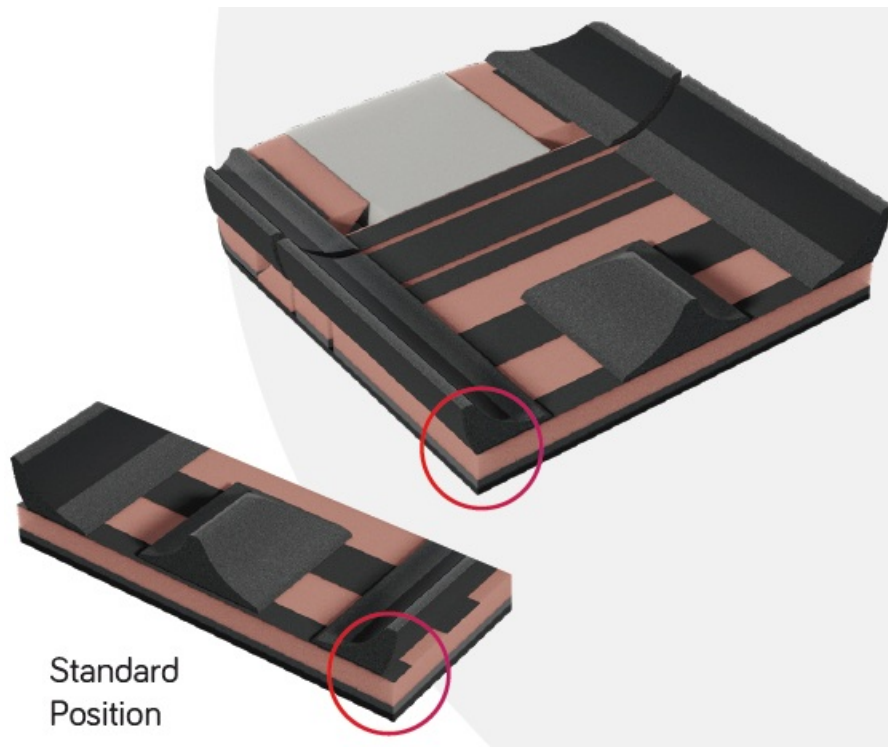
Pre-Ischial Shelf
Adjust the position of the pre-ischial shelf to contain the pelvis in the ischial well. Keep the pre-ischial shelf square with the ischial well if the thighs are abducted.
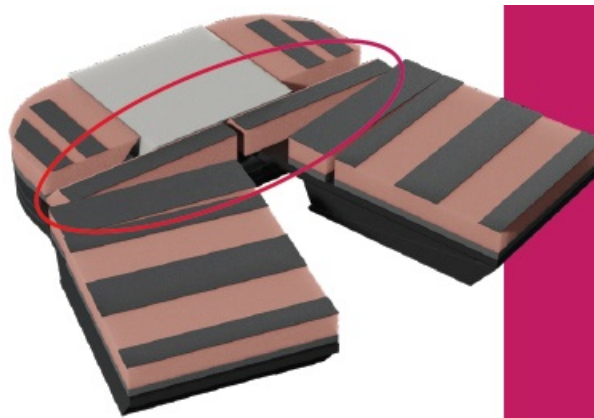

Thigh Support Contours Hip Abduction 10° (5° each leg)

Adjust the lateral and medial thigh support contours to control the position of the thighs. When adjusting the contours, make sure the entire base of the contour is supported by the cushion.
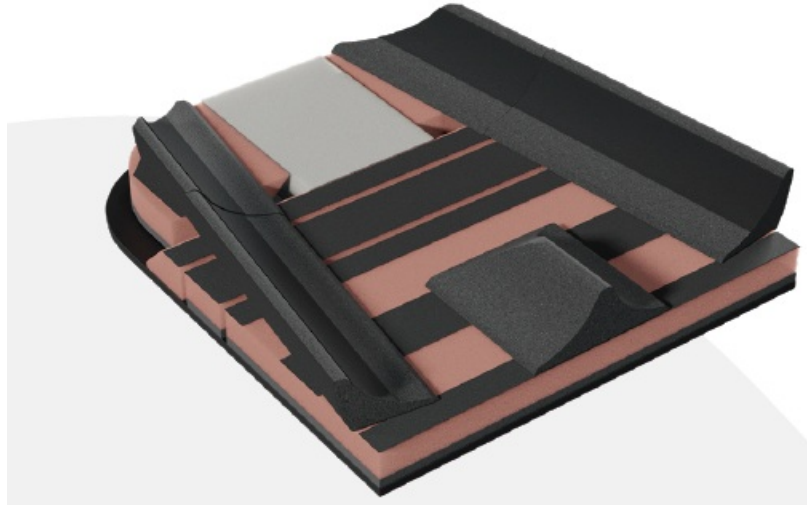
Leg Length -2″

When making the cushion length shorter, move the blocks closer together or remove the 5cm thigh block. Have the excess base layer sticking out of the back of cushion. This way it can be tucked underneath the back support and kept out of the way.
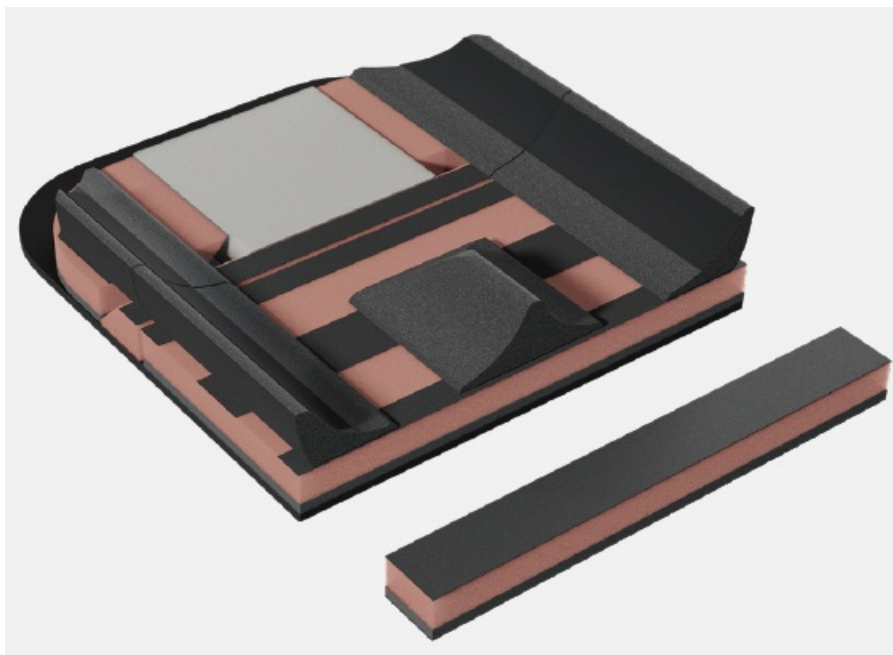
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Documents / Resources

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Spex Constructa Shape Cushion, Spex Constructa, Shape Cushion, Cushion

References

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