

A close-up photograph of a red and white woven webbing material, commonly used in furniture upholstery. The material features a grid of red lines forming squares on a white background. The texture is visible, showing the individual threads. The lighting is slightly uneven, with a brighter area on the left side.

Re-Webbing

A guide to renewing the webbing upholstery
of your Artek furniture

artek

INDEX

- Introduction to linen webbing → Page 3
- Technical material information → Page 4
- Re-webbing process:
 - 1. Choosing the colour → Page 5
 - 2. Defining the required amount → Page 6
 - 3. Ordering the material through your local Artek distributor → Page 7
 - 4. Step by step re-webbing guide for Chair 611 (for professionals) → Page 8





INTRODUCTION TO LINEN WEBBING

Early on in his career Alvar Aalto adopted webbing belts as alternative to classic upholstery. Ever since, webbing - a natural material made of 100% linen with a low consumption of resources - has been an elegant way to cover furniture with a slim silhouette.

After several years of use, the webbing may lose its tension upon which it needs to be replaced. Since Artek's furniture is designed with longevity in mind, the webbing can easily be renewed, ensuring that the product goes through several life cycles.

This guide lists all specifications needed for re-webbing, as well as a step-by-step instruction for professional upholsterers to re-web Alvar Aalto's Chair 611.

TECHNICAL MATERIAL INFORMATION

- 100% natural linen,
woven in Germany with Italian yarn
- No chemical treatment / no anti-stain treatment
- Available in a new quality since November 2018,
developed for optimized stretch behavior and
longer lasting upholstery through the use of extra
twisted yarn and an additional pre-stretching step.
- Six standard colors of linen webbing (warp/
weft):
 - Black / Brown
 - Natural / Red
 - Black / Dark Blue
 - Natural / Black
 - Black / Black
 - Natural / White

RE-WEBBING PROCESS

1. Choosing the colour

The linen webbing belts are sold by the yard and are available in rolls of up to 50 meters, enabling local upholstery workshops to re-web products.



Black/ Brown
Art. no. 270 043 07



Black/ Dark Blue
Art. no. 270 043 08



Black/ Black
Art. no. 270 043 06



Natural/ Red
Art. no. 270 043 04



Natural/ Black
Art. no. 270 043 05











Natural/ White
Art. no. 270 043 03

RE-WEBBING PROCESS

2. Defining the required amount

The following quantities are needed for re-webbing (meters):

Model	Total	Backrest	Seat
Lounge Chair 43 	34		
Armchair 45* 	20	10,6	9,4
Armchair 406 	20		
High Chair 617* 	10,7	3,8	6,9
Chair 611 	13,2	6,2	7
Chair 612* 		6	
Chair 615* 	12,7	4,7	8
Stool Y61* 	7,2		

*This product is no longer in production.

RE-WEBBING PROCESS

3. Ordering the material through your local Artek distributor

For ordering linen webbing belts, please
locate your closest Artek distributor here:
<https://www.artek.fi/en/where-to-buy>



RE-WEBBING PROCESS

4. Step by step re-webbing guide for Chair 611 (for professionals)

Important Notes:

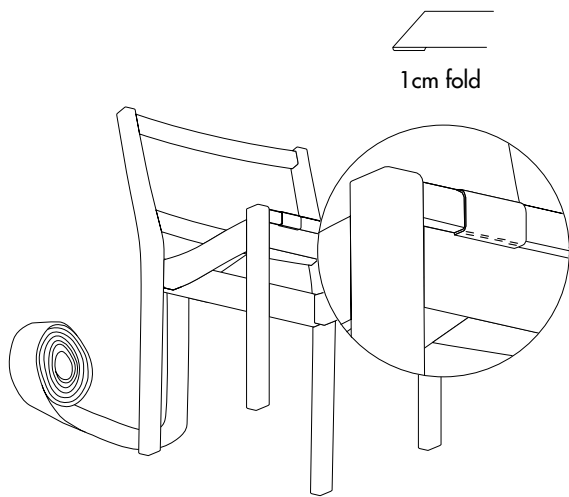
- The use of common 10mm (or $\frac{3}{8}$ ") staples made from stainless steel is recommended.



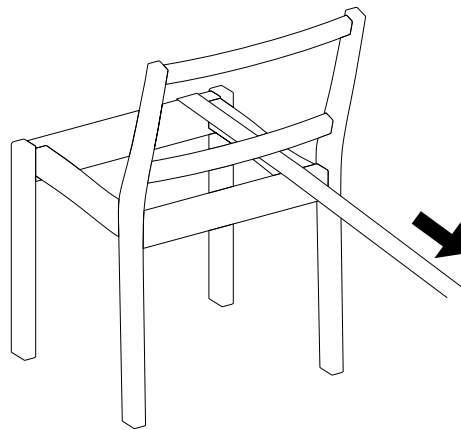
- When removing the old webbing from a chair, make sure to take a photo of the whole chair and the areas where belts are attached to the wood. The photo as well as the bleached imprints of the wood will give you an indication of where to position the new belts.

RE-WEBBING PROCESS

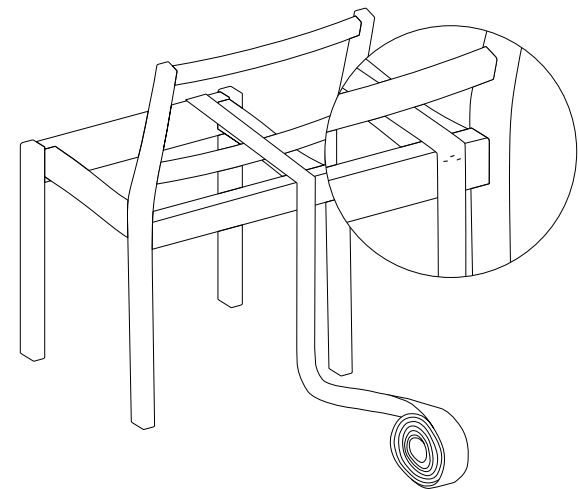
4. Step by step re-webbing guide for Chair 611 (for professionals) – Seat



Fold one end of the webbing belt by 1 cm and fix it underneath the upper front beam of the seat, using 8 staples.



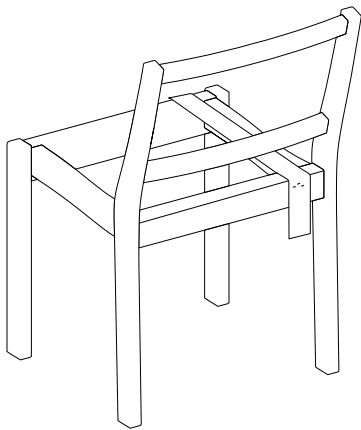
Tighten the loose end of the belt over the back beam of the seat with a tensioning tool.



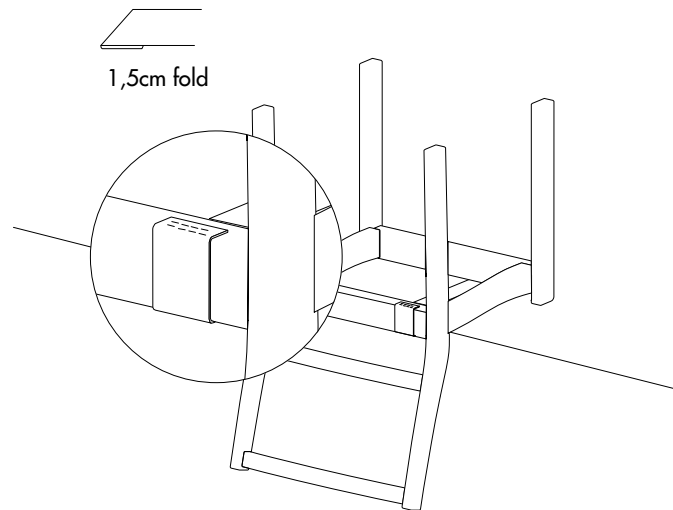
Fix it temporarily to the beam's backside with a couple of staples.

RE-WEBBING PROCESS

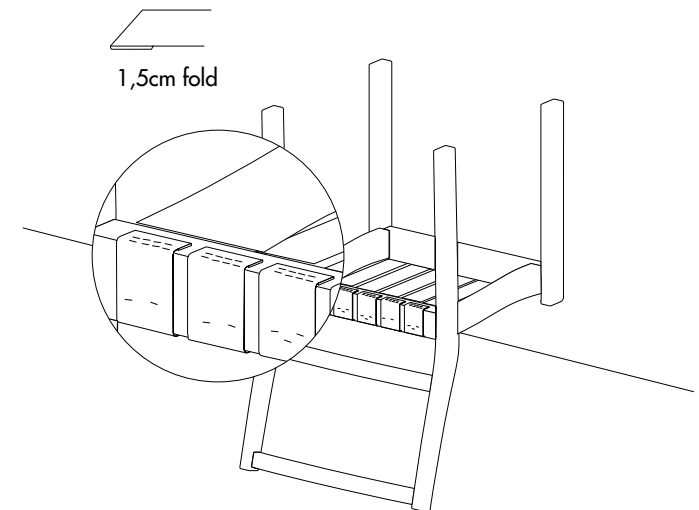
4. Step by step re-webbing guide for Chair 611 (for professionals) – Seat



Cut the belt with 10 cm running from the upper edge of the back beam.



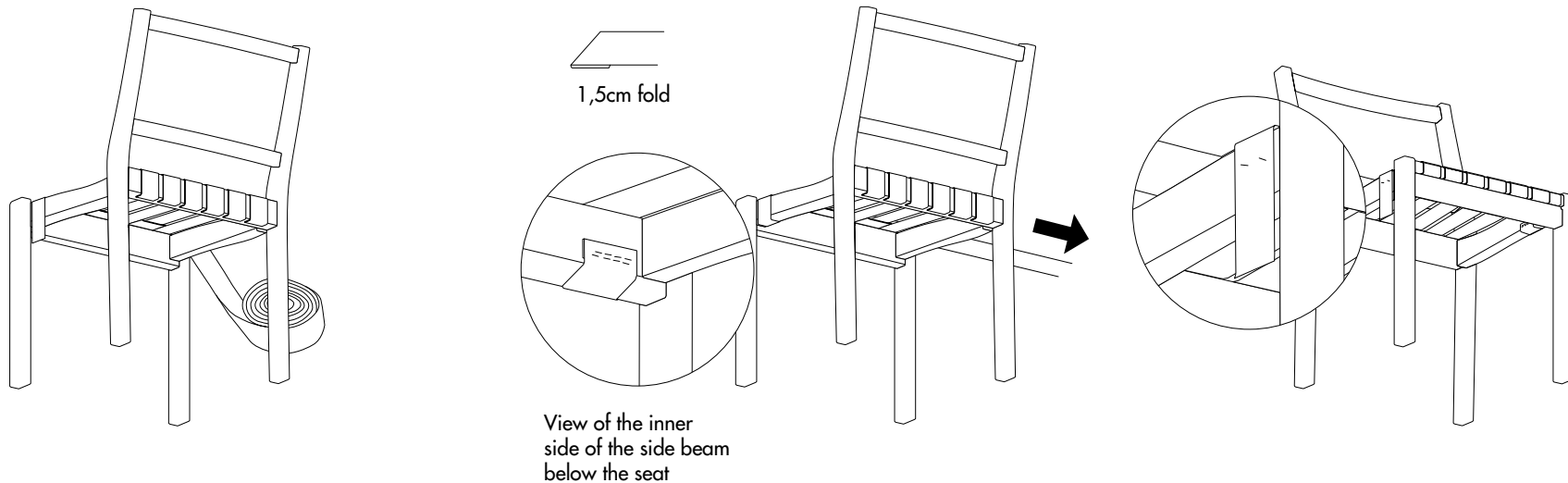
Fold the end of the webbing belt by ca. 1,5 cm and fix it underneath the back beam of the seat, using 8 staples. Remove the temporary staples and smoothen the fibers over.



Repeat this process with the remaining 5 belts that run in the same direction.

RE-WEBBING PROCESS

4. Step by step re-webbing guide for Chair 611 (for professionals) – Seat



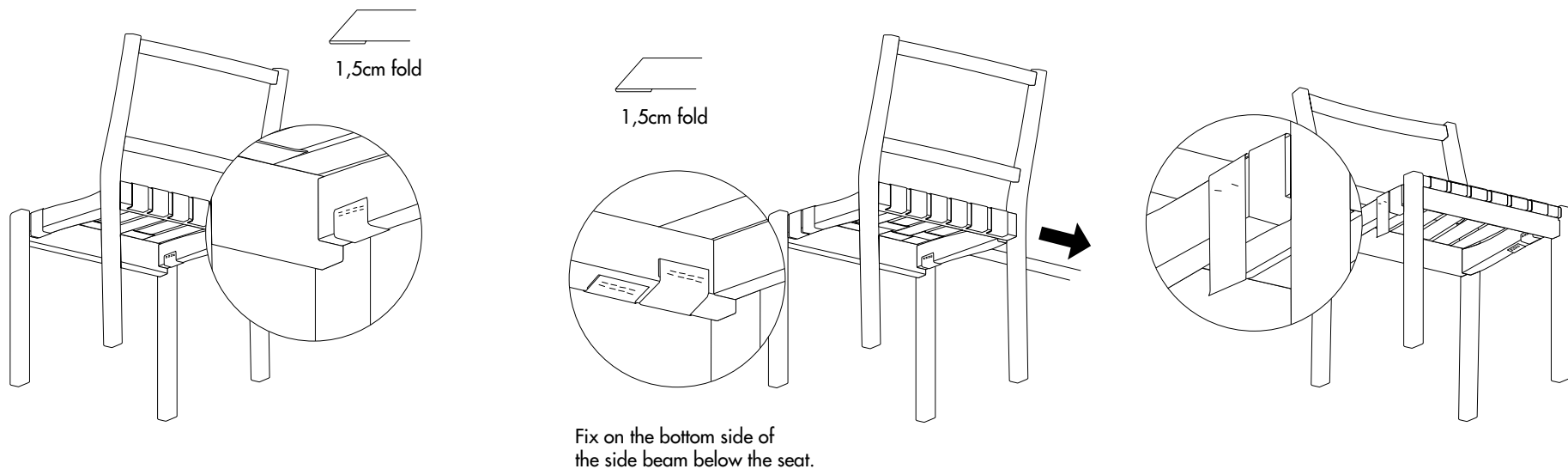
Note that for the webbing in this direction, the process for the first belt is slightly different than for the remaining 5, since they are fixed to a different surface than the first belt. For the first belt, web its loose end perpendicular to the already installed ones.

Fold it by 1,5 cm and fix it onto the inner side of the side beam below the seat, using 8 staples. Tighten the loose end of the belt over the side beam of the seat with a tensioning tool.

Fix it temporarily to the beam's outer side with a couple of staples. Cut the belt with 13 cm running from the upper edge of the side beam.

RE-WEBBING PROCESS

4. Step by step re-webbing guide for Chair 611 (for professionals) – Seat



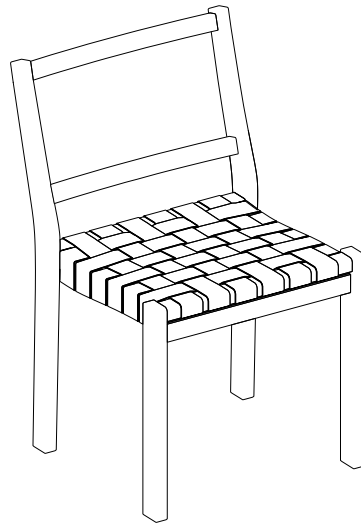
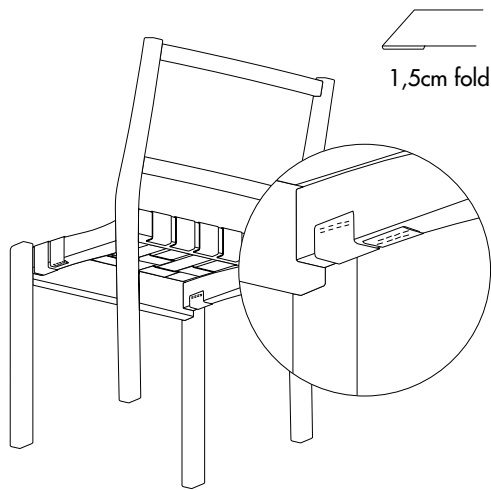
Fold the end of the webbing belt by ca. 1,5 cm and fix it onto the inner side of the side beam below the seat, using 8 staples. Remove the temporary staples and smoothen the fibers over.

For the remaining five belts running in the same direction, web the loose end of the belt perpendicular to the already installed ones. Fold its end by 1,5cm and fix it onto the bottom side (opposed to the inner side) of the side beam, using 8 staples.

Tighten the loose end of the belt over the side beam of the seat with a tensioning tool and fix it temporarily to the beam's outer side with a couple of staples. Cut the belt with 10 cm running from the upper edge of the side beam.

RE-WEBBING PROCESS

4. Step by step re-webbing guide for Chair 611 (for professionals) – Seat



Fold the end of the webbing belt by ca. 1,5 cm.

Fix it onto the bottom side of the side beam, using 8 staples.

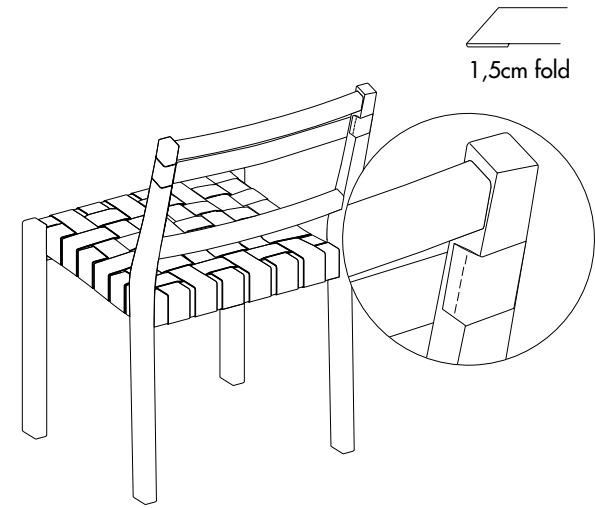
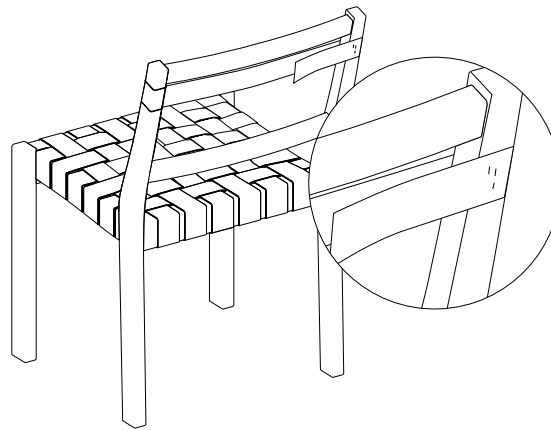
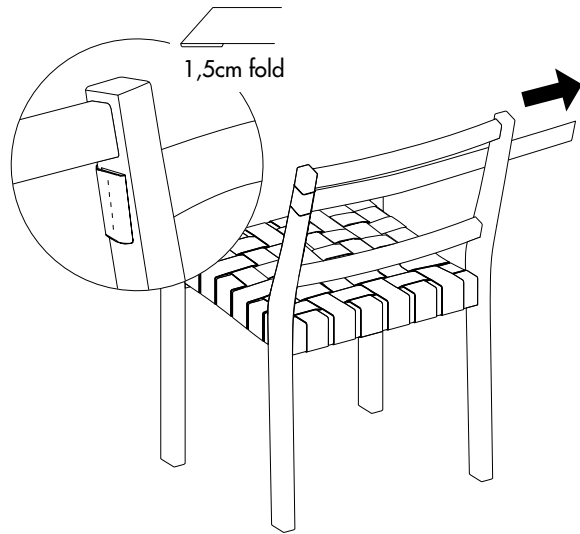
Remove the temporary staples and smoothen the fibers over.

Repeat this process with the remaining 4 belts that run in the same direction.

The seat is now finished.

RE-WEBBING PROCESS

4. Step by step re-webbing guide for Chair 611 (for professionals) – Backrest



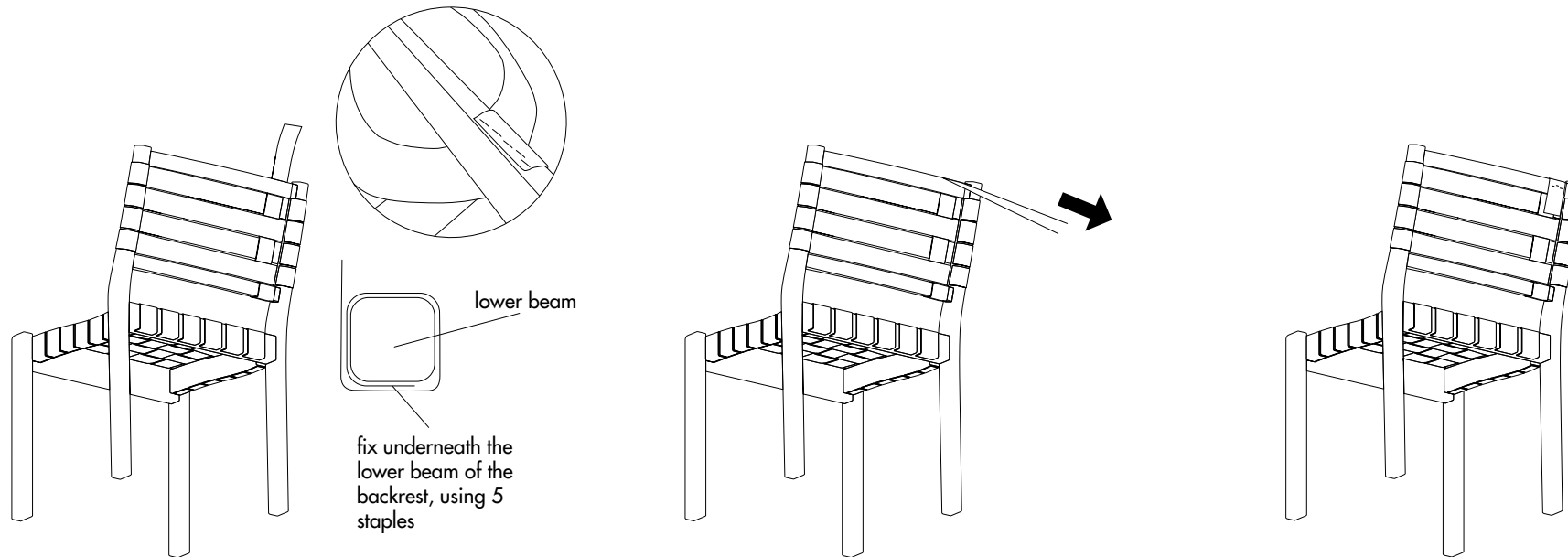
For the horizontal belts of the backrest, fold the loose end of the webbing belt by 1,5 cm. Fix it onto the upper inner side of the backrest's side beam, using 5 staples. Tighten the loose end of the belt over the other side beam with a tensioning tool.

Fix it temporarily to the beam's backside with a couple of staples. Cut the belt with 7 cm running from the outer edge of the back beam (please check that this leaves you with sufficient material for stapling).

Fold the end of the webbing belt by ca. 1,5 cm and fix it onto the upper inner side of the side beam, using 5 staples. Remove the temporary staples and smoothen the fibers over. Repeat this process with the remaining three belts that run in the same direction.

RE-WEBBING PROCESS

4. Step by step re-webbing guide for Chair 611 (for professionals) – Backrest



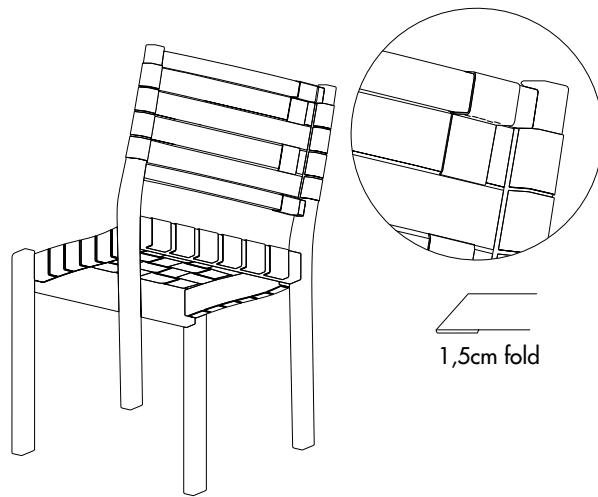
Fix the loose end of the webbing belt underneath the lower beam of the backrest, using 5 staples. Roll the remaining loose end around the beam it is attached to and web it upwards, perpendicular to the already installed ones.

Tighten the loose end of the belt over the upper beam with a tensioning tool.

Fix it temporarily to the beam's backside with a couple of staples. Cut the belt with 6 cm running from the upper back edge of the back beam (please check that this leaves you with sufficient material for stapling).

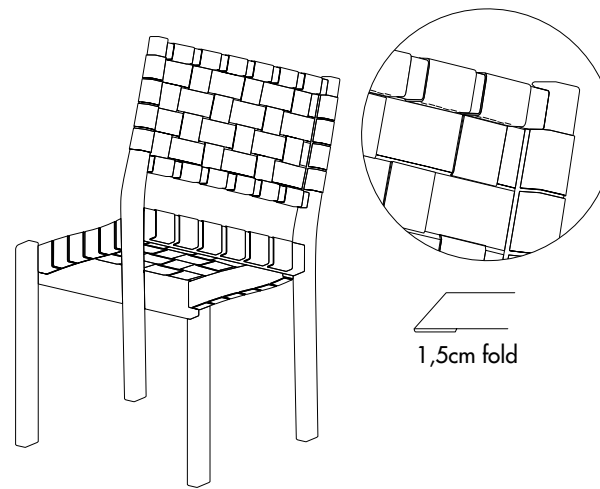
RE-WEBBING PROCESS

4. Step by step re-webbing guide for Chair 611 (for professionals) – Backrest

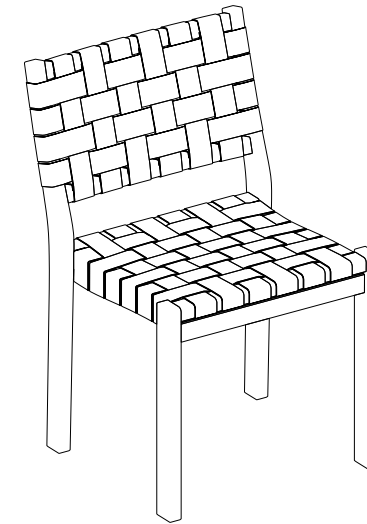


Fold the end of the webbing belt by ca. 1,5 cm and fix it to the bottom side of the beam, using 5 staples.

Remove the temporary staples and smoothen the fibers over.



Repeat this process with the remaining five belts that run in the same direction.



Finished!

artek