



# Lauder LINEA SHAPE

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PANELS AND SYSTEMS  
FOR SUSPENDED CEILINGS

LAUDESCHER  
process bois

# Lauder LINEA SHAPE

## Solid wood

Each panel is unique and may have surface irregularities which guarantee that real wood, a natural and living material, has been used.



**Pine**  
Homogeneous, knot-free, pale wood, clearly visible grain patterning, straight fine to medium grain.



**Oak**  
Hardwood, moderately heterogeneous, light brown to varying shades of dark brown, with a very specific straight medium grain.

## Finishes

### Wax Color finish on Pine

Care for and enhance the material through factory application of the Wax Color process. A wide range of wood tone colours for a durable impressive natural environmentally-friendly finish.

### Wax Color



Honey



Oak



White



Wenge

### Wax Color MC finish on Pine

The Wax Color process specially developed to meet the demands of applications in moist and corrosive environments.



Cherry



Chocolate



Mahogany



Grey

## A holistic environmental approach

Laudescher Industrie is committed, throughout its product ranges, to respecting and promoting an environmental and eco-friendly approach :

- FSC/PEFC certified production
- ISO 14001 and 50001 certified
- Participation in the development of eco-friendly construction methods (HQE, BREEAM and LEED).



# Technical specifications

## Suspended ceiling conformity

The products in the Lauder LINEA ceiling range conform to EN 13964 for suspended ceilings, which is compulsory since July 2007 and bears the **CE** mark for the free movement of goods in Europe.

## Acoustic performance

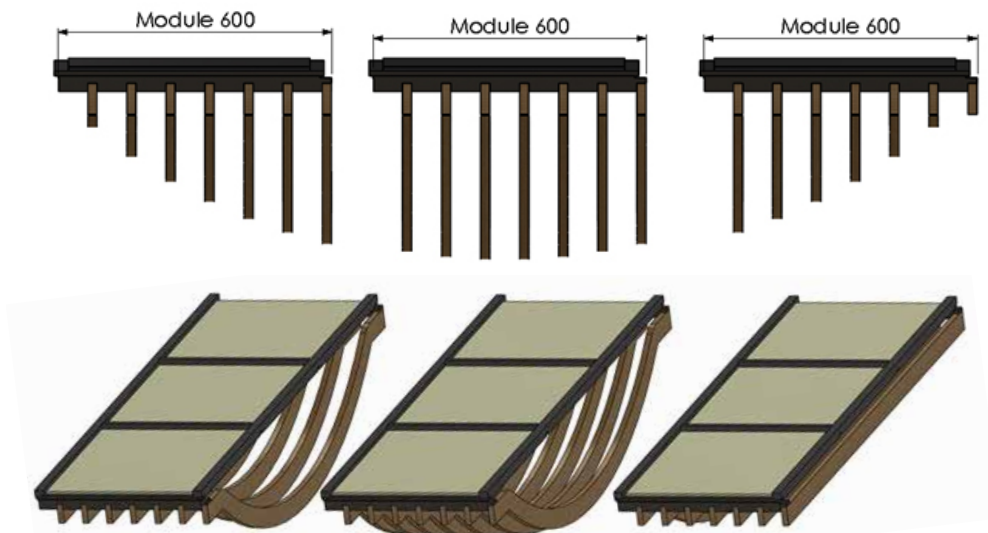
Sound absorption is measured as defined in standard ISO 354. Acoustic data is calculated as defined in standard ISO 11654. Acoustic performance Class A. Performance obtained with insertion of 120 kg/m<sup>3</sup> rigid mineral or stone wool acoustic tiles with black fleece facing (600 x 600 mm format; 20 or 22 mm thick).

Product reference		SHAPE
Rhythm		lined
Slat section	Facing side	20 mm
	Thickness	68 mm
Spacing between slats		65,7 mm
Slat distance		85,7 mm
Total thickness		according to module
Average void area		77%
Finishing		natural, clear varnish, Wax Color and Wax Color MC
Sound absorption	Data	$\alpha_w^* = 0,90$
	Absorption class	A
Reaction to fire		B-s1,d0 / B-s2,d0 / D-s1,d0
Humidity resistance		for high humidity rooms, use Class 3 wood. Risk categories according to the EN 335-2 standard.
PEFC		PEFC certification no. 44702150434
Indoor air quality		VOC A+ and A as defined in ISO 16000-3, 6, 9 and 11
Réglementations		VOC A+ and A as defined in ISO 16000-3, 6, 9 and 11 French, German, Belgian regulations; Blue Angel, LEED, BREEAM, etc. Labels (report on request).
Formaldehyde release		E1 as defined in standard EN 717-2
Installation system		T24 main runner with black capping** D/C edge

\* Test report, panel with insertion of mineral or stone wool tiles with black fleece facing

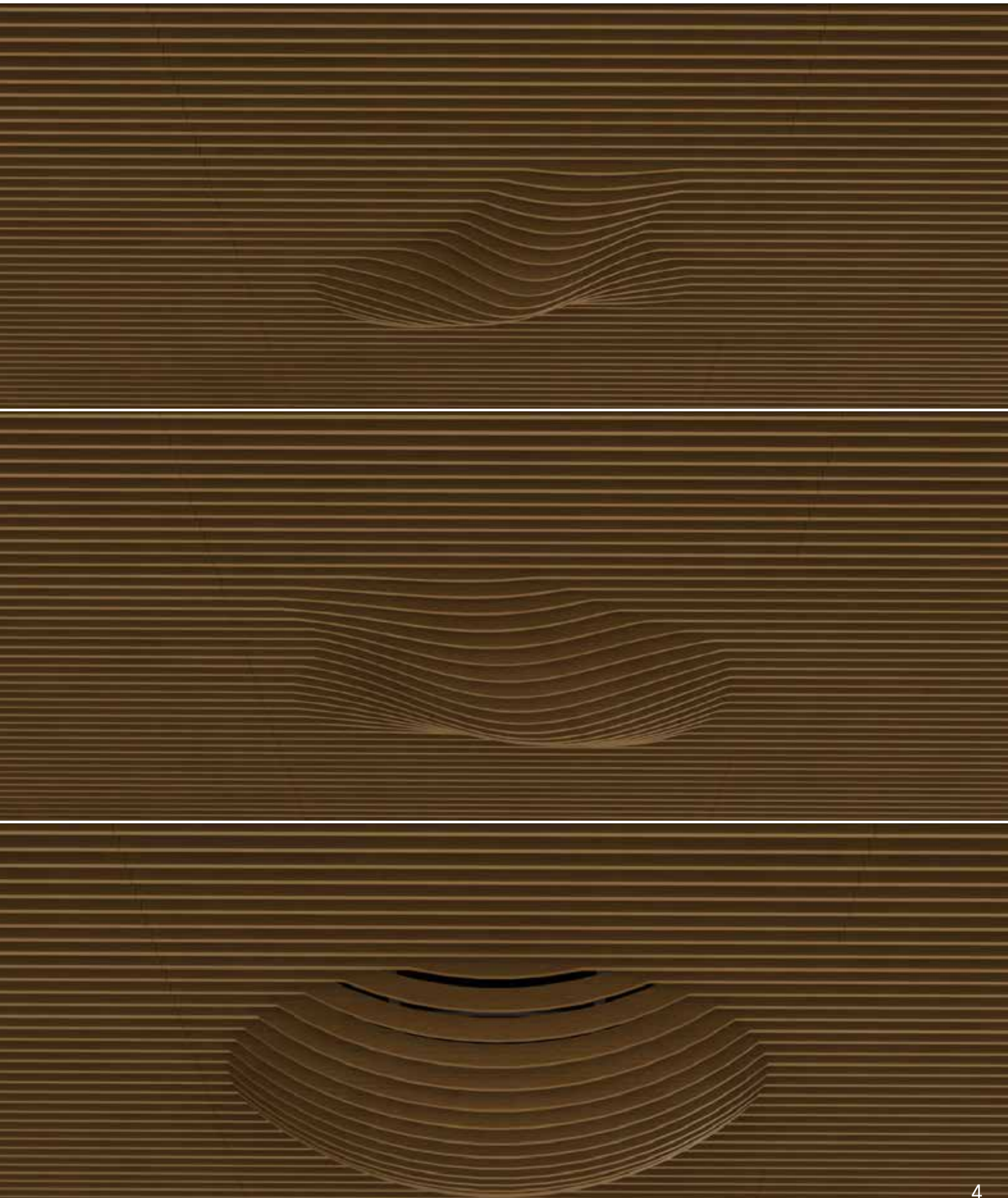
\*\* Moist and/or corrosive environments, cf. Grid system manufacturer recommendations

Lauder LINEA SHAPE module 1,880 x 1,800 mm, composed of three panels 1,880 x 600 mm



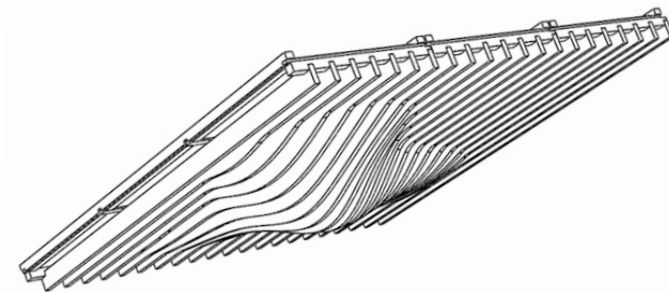
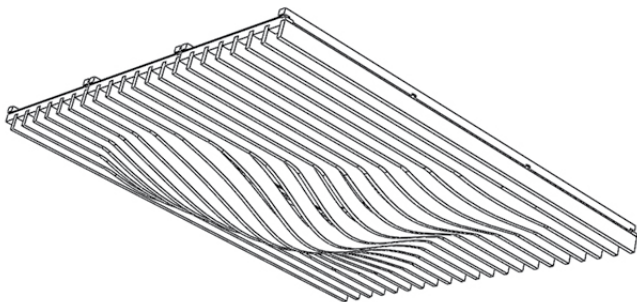
Three miscibles modules;  
also combinable with the Lauder LINEA 2.6.6 model

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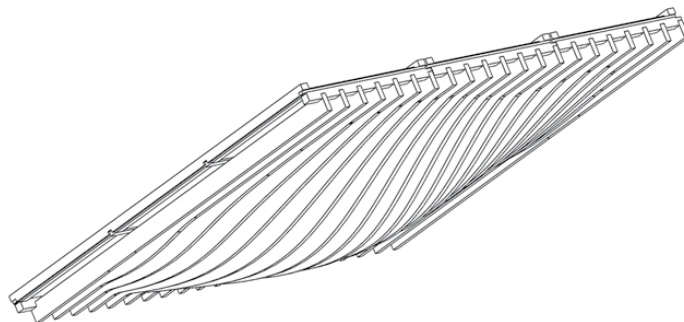
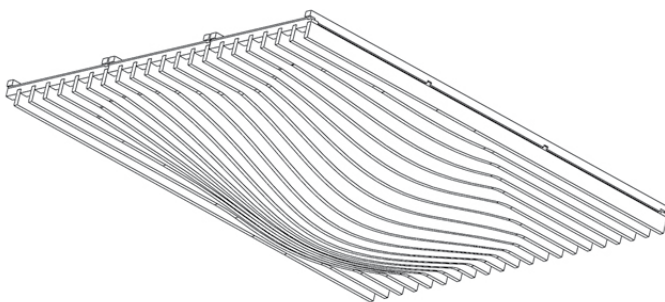




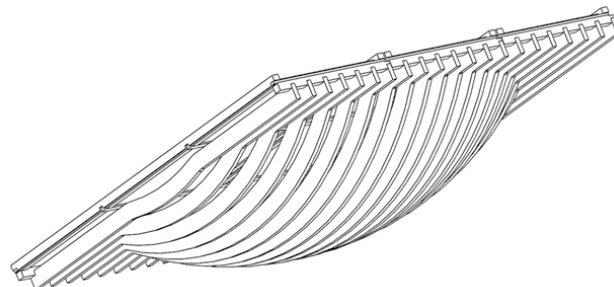
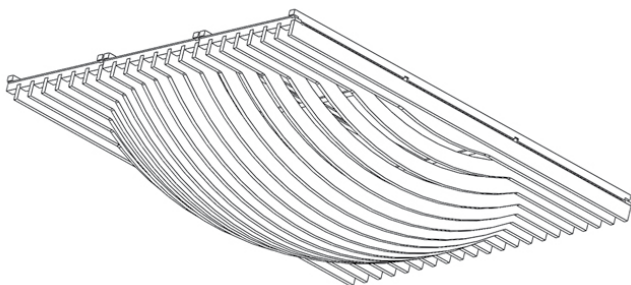
Module no. 1



Module no. 2

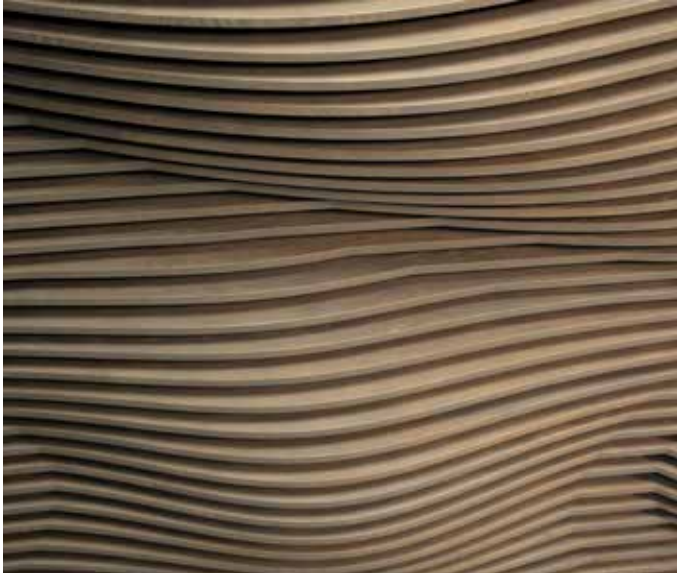


Module no. 3



# Examples

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# Suspended ceiling installation

The ceiling will be installed on a grid of T24 main runners with black capping, concealed by a patented system, compliant with current standards and good practice rules in each country.

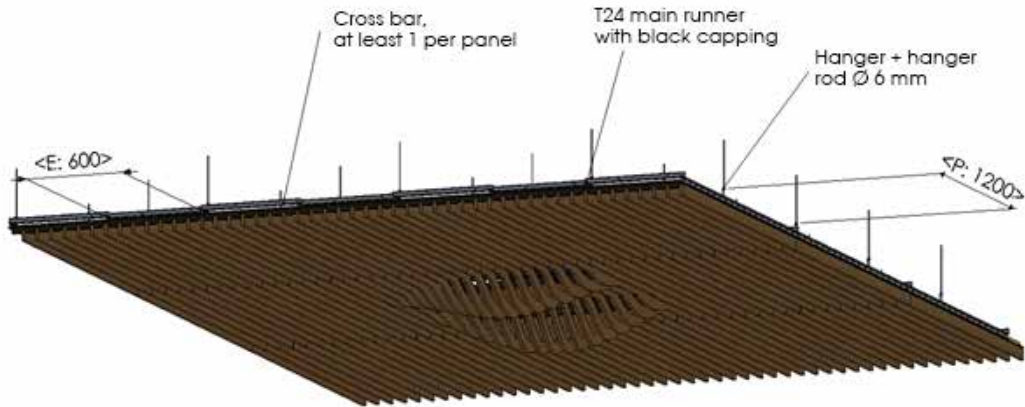
The T24 main runners will be fixed at a distance of 600 mm, "D1".

The main runner components will be suspended by  $\varnothing 6$  mm threaded rods hung at maximum distance «P» of 1,200 mm in a staggered configuration.

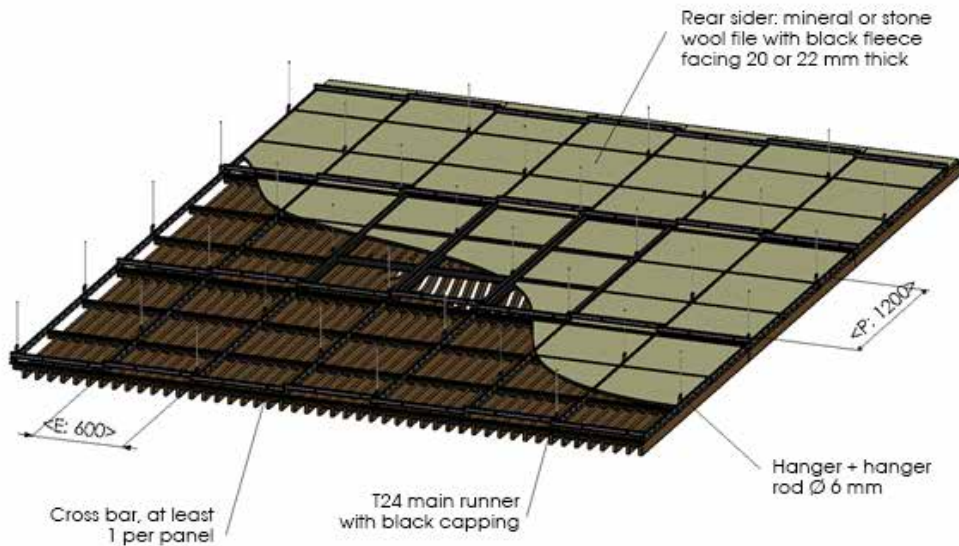
The distance between the main runners will be maintained by a minimum of 1 cross bar per panel. The cross bars must be positioned at a maximum distance of 200 mm from the wall.

The finishing edge is created using a matte black perimeter trim to provide a shadow line along the wall. The system gives the panels a perfectly flowing and seamless appearance.

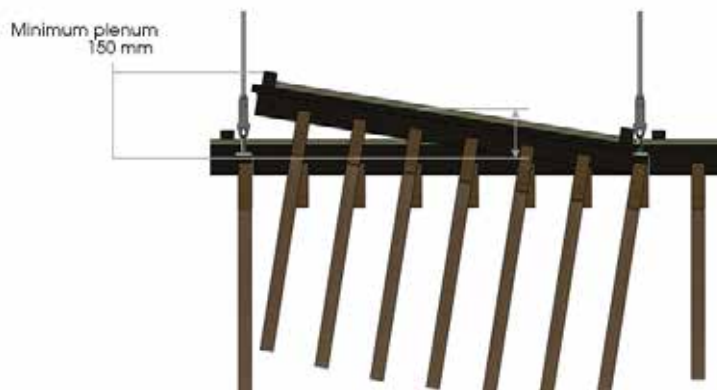
Installation  
bottom view



Installation  
top view



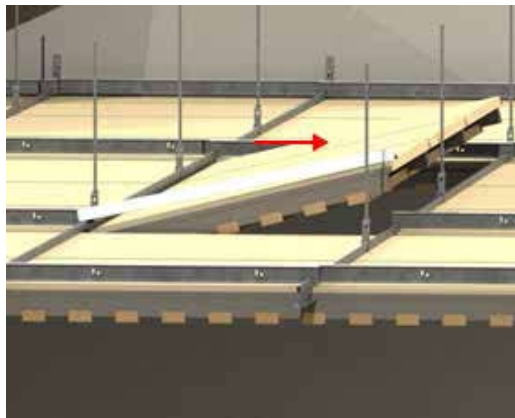
Minimum plenum  
necessary for installing  
and removing the panel



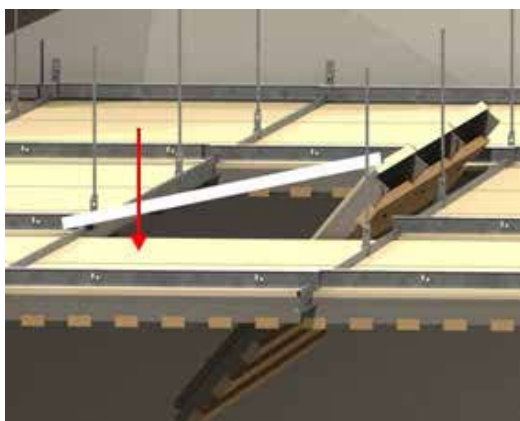
# Removal of Lauder LINEA panels



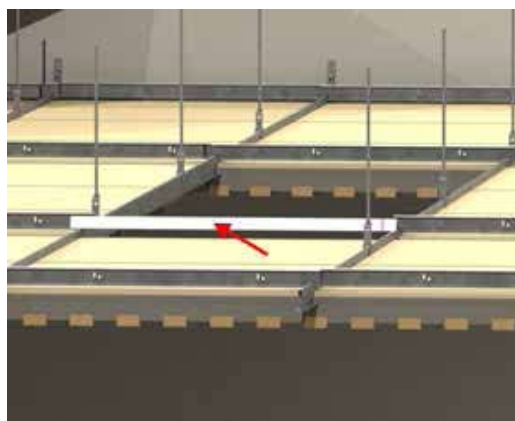
Step 1: lift the panel



Step 2: shift the panel sideways



Step 3: lower the panel to remove it



Step 4: note that the cross bar is detached



Step 5: position it on the adjacent panel



Step 6: attach the cross bar above the adjacent panel

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