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## LAUDER LINEA

INTERIOR / SUSPENDING CEILING

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## COMPLIANCE WITH BELGIAN STANDARD

NBN 713.020



LAUDESCHER

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# COMPLIANCE WITH BELGIAN STANDARD

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NBN 713.020

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- Fire protection
  - Fire behaviour of materials and building elements
  - Fire resistance of building elements
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## Contents of the standard

According to Belgian Fire Department directives, the NBN 713.020 standard applies to all public-access buildings. This standard defines the following conditions:

- 30-minutes resistance to fire – RF30
- No falling elements before 10 minutes
- Beyond 10 minutes and up to a period of 30 minutes, no element of more than 1,250 mm and more than 15 kg must fall

To comply with the NBN 713.020 and EN 13964 standards, LAUDESCHER Lauder LINEA R models will be installed in the same configuration.

**CERTIFICATE OF COMPLIANCE**  
WITH THE BELGIAN STANDARD  
NBN 713.020

**Upon request, LAUDESCHER can provide a certificate attesting to the compliance of Lauder LINEA R ceiling models product line.**

## CONTACT

Rue Marcel Laudescher  
Z.I. de Pommenauque  
50500 Carentan  
T +33 (0)2 33 42 09 52  
info@laudescher.com

[www.laudescher.com](http://www.laudescher.com)

# INSTALLATION

## Installation description

The installation of Lauder LINEA R models will be carried out on black T24 (CMC 850-30) main runners: hidden by a patented system, according to the current standards and good practice rules by country (NF P 68203-1 and 2, and the DTU 58-1 France 2008 edition).

The distance between the T24 main runners will be 600 mm.

Main runners will be carried with sliding rods suspensions (CMC 11022) with a maximum span of 1200 mm. Spacing of the supports will be kept in place by a spreader (gage) bar (CMC 8260013). Minimum 1 spreader bar per panel. The spreader bars must be positioned at a maximum of 200 mm from the wall.

The finishing of the trimming (edge) is done with a 24 x 24 matt black angle (CMC 1420.01) to ensure a shadow line.

If necessary, Color'all tiles can be kept in place by anti-lifting clips (CMC 618), 1 per panel by Color'all.

## Spare parts

**Timber slated panels:**  
LAUDESCHER Lauder LINEA + Kit R for standard NBN 713.020 (factory fitted on panel is optional)  
*Modular dimensions:*  
1 880 x 600 mm and 1 265 x 600 mm  
*Thickness:* 55 to 117 mm depending on model

**Profile support:**  
*Model:* Chicago Metallic T24 CMC 850-30  
*Material:* steel  
*Dimensions:* 38 (h) x 24 mm (l)  
*Thickness of steel:* 0.5 mm

**Spacer bar:**  
*Model:* Chicago Metallic CMC 8260013  
*Material:* lacquered steel  
*Dimensions:* 24x24 mm – *length:* 655 mm  
*Thickness of steel:* 0.45 mm

**Quick-lock hanger:**  
*Model:* Chicago Metallic CMC 11022  
*Material:* steel

**Angled edge:**  
*Model:* Chicago Metallic CMC 1420.01  
*Material:* lacquered steel  
*Thickness of steel:* 0.5 mm  
*Dimensions:* 24x24 mm

**Acoustic complement:**  
*Model:* Rockfon Color'all  
*Dimensions:* 600 x 600 mm  
*Thickness:* 20 mm  
*Density:* 120 kg/m<sup>3</sup>

**Anti-lifting clip (optional):**  
Clip (1 per Color'all panel)  
*Model:* Chicago Metallic CMC 618

(See installation page 4)

## Surface mass of panels (Acoustic version including Color'all tiles)

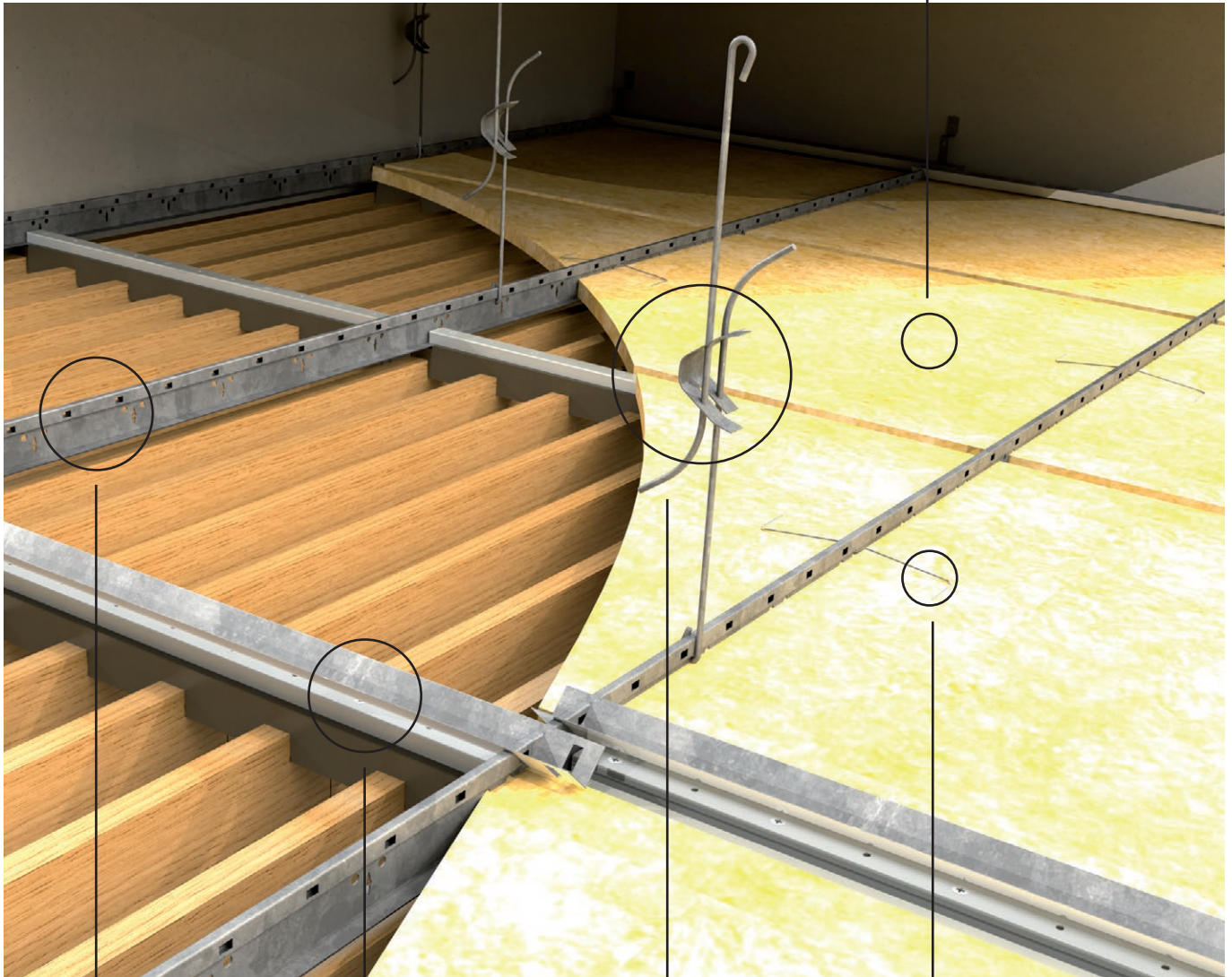
Models	Acoustic Version		Openwork Version	
	Pine	Oak	Pine	Oak
2.6.10 R	13,4	16	11	13,6
2.6.8 R	15	18,1	12,6	15,7
2.6.6 R	16,6	N/A	14,2	17,8
2.6.5 R	18,2	N/A	15,8	N/A
2.9.13 R	13,9	16,6	11,5	14,2
2.9.10 R	16	N/A	13,6	17
2.9.8 R	18,1	N/A	15,7	N/A
9.2.1 R	18,1	N/A	15,7	N/A
9.2.3 R	16	N/A	13,6	17
9.2.6 R	13,9	16,6	11,5	14,2

N/A: not applicable – model not in accordance with NBN 713 standard

# INSTALLATION

## OPENWORK VERSION AND/OR ACOUSTIC VERSION

**Acoustic complement material**  
Model: Rockfon Color'all  
Dimensions: 600 x 600 mm  
Thickness: 20 mm  
Density: 120 kg/m<sup>3</sup>



**Profile support**  
Model: T24 CMC 850-30  
Material: steel  
Dimensions:  
38 (h) x 24 mm (l)  
Thickness of steel: 0.5 mm

**Spacer bar**  
Model: CMC 8260013  
Material: lacquered steel  
Dimensions: 24x24 mm  
Length: 655mm  
Thickness of steel: 0.45 mm

**Quick lock hanger**  
Model: CMC 11022  
Material: steel

**Anti-lifting clip**  
Clip CMC 618  
(optional)

# MODELS

PRODUCT RANGE OF LAUDER LINEA MODEL R CEILINGS  
 ACCORDING TO STANDARD NBN 713.020 AND EN 13964

Category	Model	Visual	Wood species Acoustic version	Wood species Openwork version
2.6	2.6.10 R		Pine, Oak	Pine, Oak
	2.6.8 R		Pine, Oak	Pine, Oak
	2.6.6 R		Pine	Pine, Oak
	2.6.5 R		Pine	Pine
2.9	2.9.13 R		Pine, Oak	Pine, Oak
	2.9.10 R		Pine	Pine, Oak
	2.9.8 R		Pine	Pine
9.2	9.2.1 R		Pine	Pine
	9.2.3 R		Pine	Pine, Oak
	9.2.6 R		Pine, Oak	Pine, Oak



# WOOD SPECIES AND FINISHES



## WOOD SPECIES



Pine



Oak



## FINISHES



Natural



Clear Coat



Varnish White Wash

## Wax colour chart and Wax colour MC



White



Honey



Chocolate



Cherry



Mahogany



Grey



Wenge



Oak