

The Hook-On ceiling LMD-E 213 WL is suitable for roofed exterior areas, railway stations, underground car parks etc. for wind pressure and suction loads up to 100 kg/m² in standard execution. Local weather and project-specific conditions have to be considered during planning. Accentuated joints of this exterior ceiling generate a homogeneous ceiling surface with concealed substructure. This installation-friendly system has a maintenance option and is furnished with the high-grade Meteo corrosion protection coating.

- + hook-on ceiling with tested wind pressure/suction loads
- + homogeneous ceiling surface due to concealed substructure
- + ceiling layout with accentuated joints in both directions possible
- + maintenance option due to ceiling panels that can be individually operated
- + project-related, higher wind pressure/suction loads can be realised
- + hygienic and easy to clean

APPLICATIONS

Transport: Airports, Subways and Tunnels, Train Stations

Public Areas: Exterior Areas

Recreation and Culture: Stadiums

REQUIREMENTS

Design: Perforation, Powder Coating, Stainless Steel, Steel

Corrosion Protection: Exteriors, Wet Areas

Sustainability: Environmental Product Declaration

Statics: Wind Loads, Seismic Safety

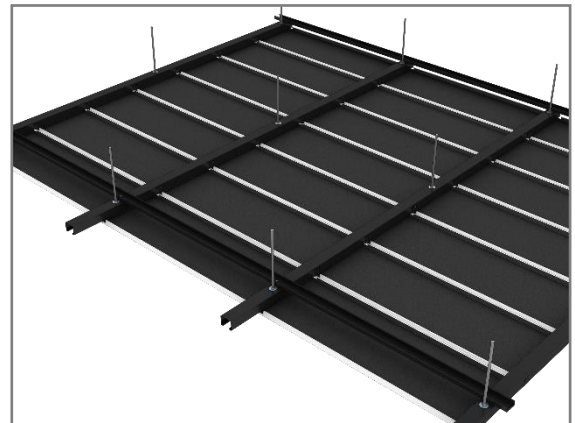
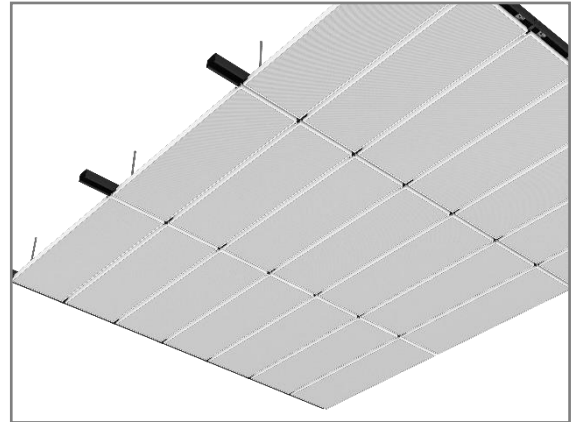
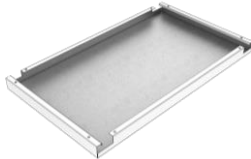
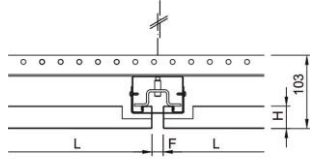




TABLE OF TYPES

LMD-E 213 WL Type 1			
Hook-On			
Length (L)	250 – 2,000 mm	250 – 1,000 mm	250 – 600 mm
Width (B)	200 – 600 mm	200 – 1,000 mm	200 – 2,000 mm
Height (H)	30 mm		
Joint width (F)	20 mm		



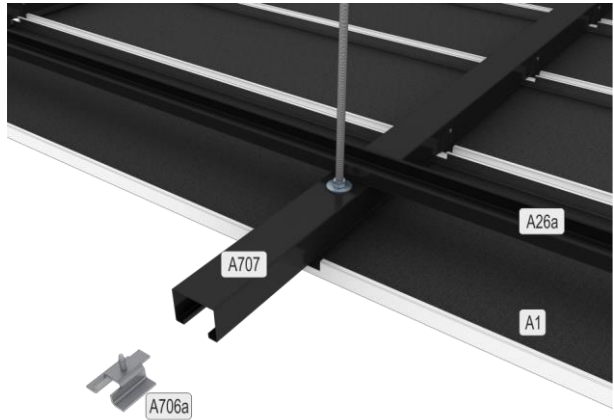
TECHNICAL DATA

Material	galvanised sheet steel, stainless steel
Weight	approx. 10 - 12 kg/m ² (without fixtures/installations)
Serviceability	removable
Wall connection options	U-profile



COMPONENT LIST

A1	metal ceiling panel
A26a	suspension channel 60 - Meteo
A706a	hold-down clip for double hook-on profile 54/WL
A707	double hook-on profile 54/WL





FIRE PROTECTION

Fire stability		
Fire stability	EN 13501-2	30 minutes



DURABILITY

Durability range	ISO 12944-6:1998	high (H)
Corrosion category	DIN EN ISO 9223	C3



SUSTAINABILITY

Product self-declaration	A self-declaration according to ISO 14021 is available. The self-declaration provides extensive information about all environmental effects of the product. It can be used in the planning or tender phase to assess all sustainability-relevant aspects. It serves as a data basis for building certification systems such as LEED, DGNB and BREEAM.
Environmental product declaration	The product has a specific EPD according to the valid standards. (EN 15804/ ISO 14025)
Circular Economy	By implementing the Circular Economy ideology we avoid waste, toxic substances and environmental pollution. The aim is to achieve a technical cycle, which ensures the separation and the complete re-use of all materials.



SURFACES

Powder coatings	COLOURline
Design surfaces	TOUCHdesign Lunar
Functional coatings	Meteo



STATICS

Wind Loads	100 kg/m ²
Seismic Safety	qualification according to AC 156/Eurocode/SIA 261



CERTIFICATION

TAIM e.V.	The ceiling system fulfils the requirements of the "Technical Manual Metal Ceilings" (TMMC) of TAIM e.V. (Association of Industrial Metal Ceiling Manufacturers).
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PROJECT SOLUTIONS

This product data sheet refers to the standard version of the product mentioned above. We would be happy to work with you to find the right solution for your project. Adapted to your building project, you will receive a perfectly matched system. Project-specific constructions and adaptations can be found in the offer documents.