



mSystem Linear

**URBAN
NOISE
CONTROL**

IWMI

UNC is probably the only one company in Cyprus that, along with supply and manufacturing, provides Designing and Installation, from experienced Acoustic Consultants and Installers respectively. Moreover, UNC has acoustic material in stock and the probably only one in Cyprus, brand-new showroom with exclusively acoustic materials and systems.

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A modular ceiling system, a lightweight hanging baffle system made by 100% recycled PET, which can be placed to ceiling and provide significant sound absorption and desired aesthetics, within various types (private, special, commercial) of rooms.

The system can act as a false ceiling in a space/room and integrate in between/above of it, services as HVAC units, lights, fire water sprinklers, speakers and others.

The M-SYSTEM is guaranteed to bring a visually eye-catching ceiling solution to any project, through a cost-effective solution.



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DESIGNING AND INSTALLATION

Apart from being suppliers and manufactures, UNC provide Designing and Installation services.

A specialised team of Acoustic Consultants and an experienced team of Acoustic Materials/systems Installers could carry out an end-to-end service for Acoustic treatment.

PRODUCT AVAILABILITY AND SAMPLES

UNC always have stock of the product and samples of each one of it. Feel free to contact us, in order to setting up a meeting in our showroom.



SPECIFICATIONS



MAINTENANCE

It can be cleaned by using a dust broom, a vacuum cleaner or a hard-wrung cloth.



SUSTAINABILITY

Those panels are made from sustainable materials. Panels are made from 100% polyester fiber. Containing a minimum of 75% post-consume recycled material (PET bottle-flake).



NON TOXIC

BS EN 717-1 E0 Formaldehyde-free environmental test. It does not contain chemical binders including formaldehyde and support safer indoor air quality.



FLAME RETARDANT

Class B-s1, d0 [EN-13501-1]

MATERIAL

POLYESTER FIBER

100% made from recycled PET





STANDARD DIMENSIONS AND TYPES

MSYSTEM LINEAR CEILING / WALL

Module size:
1938x2400mm

Height of baffles:
160mm

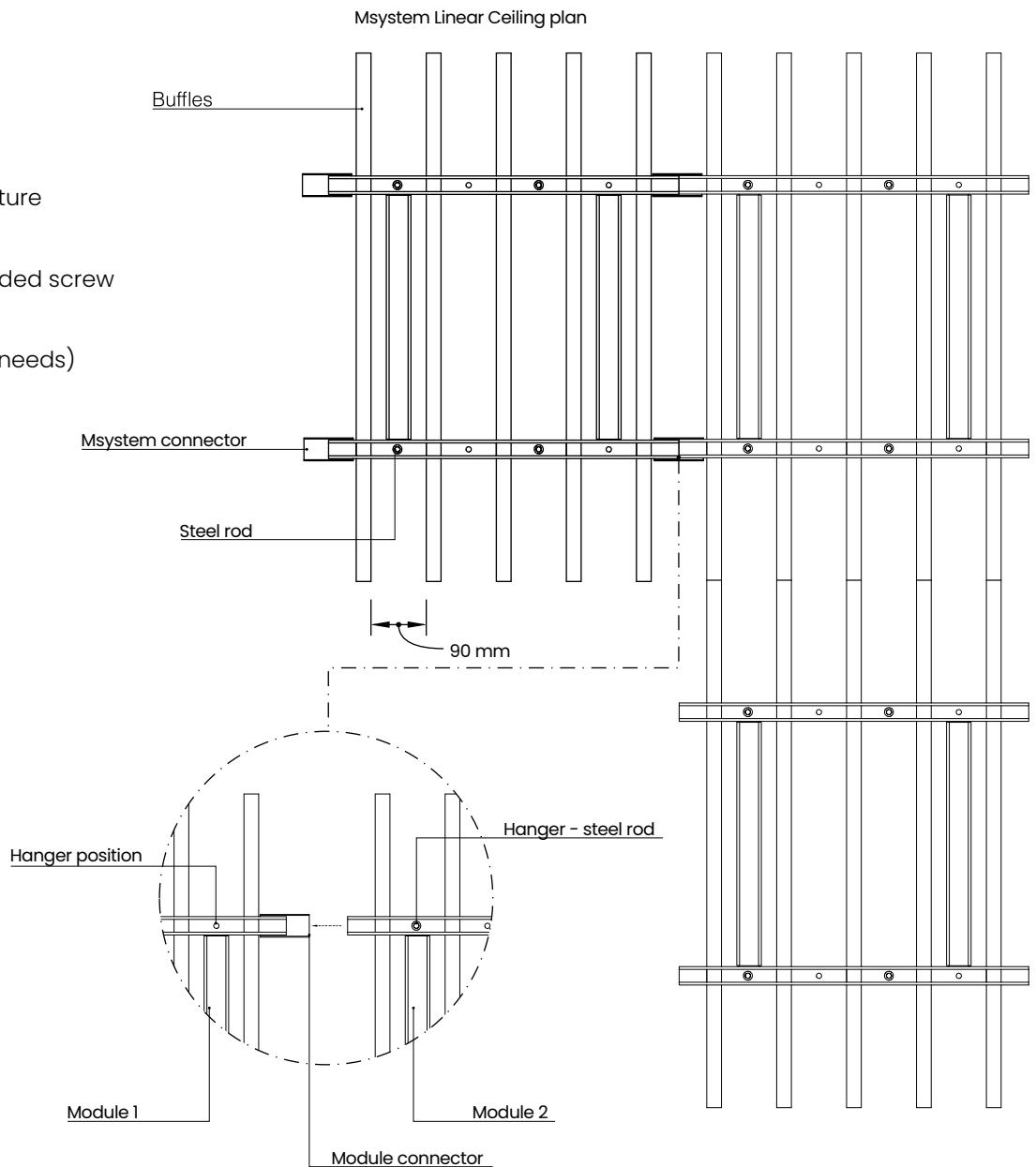
Gap between baffles:
40mm or 90mm

Thickness of baffles:
12mm or 24mm

Support type:
Galvanised steel structure

Hanged method:
Galvanised long threaded screw

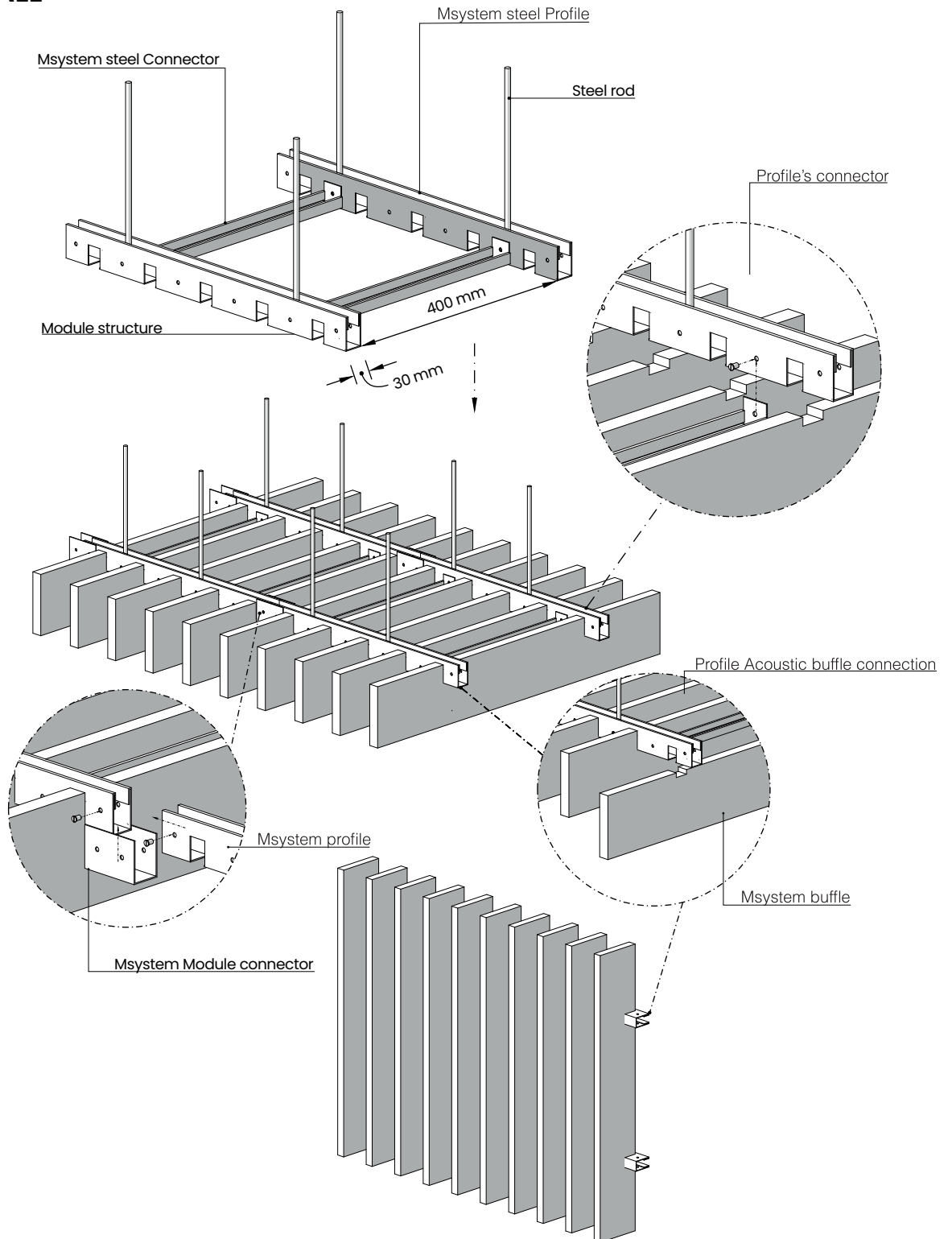
Hanged height:
Flexible (according to needs)





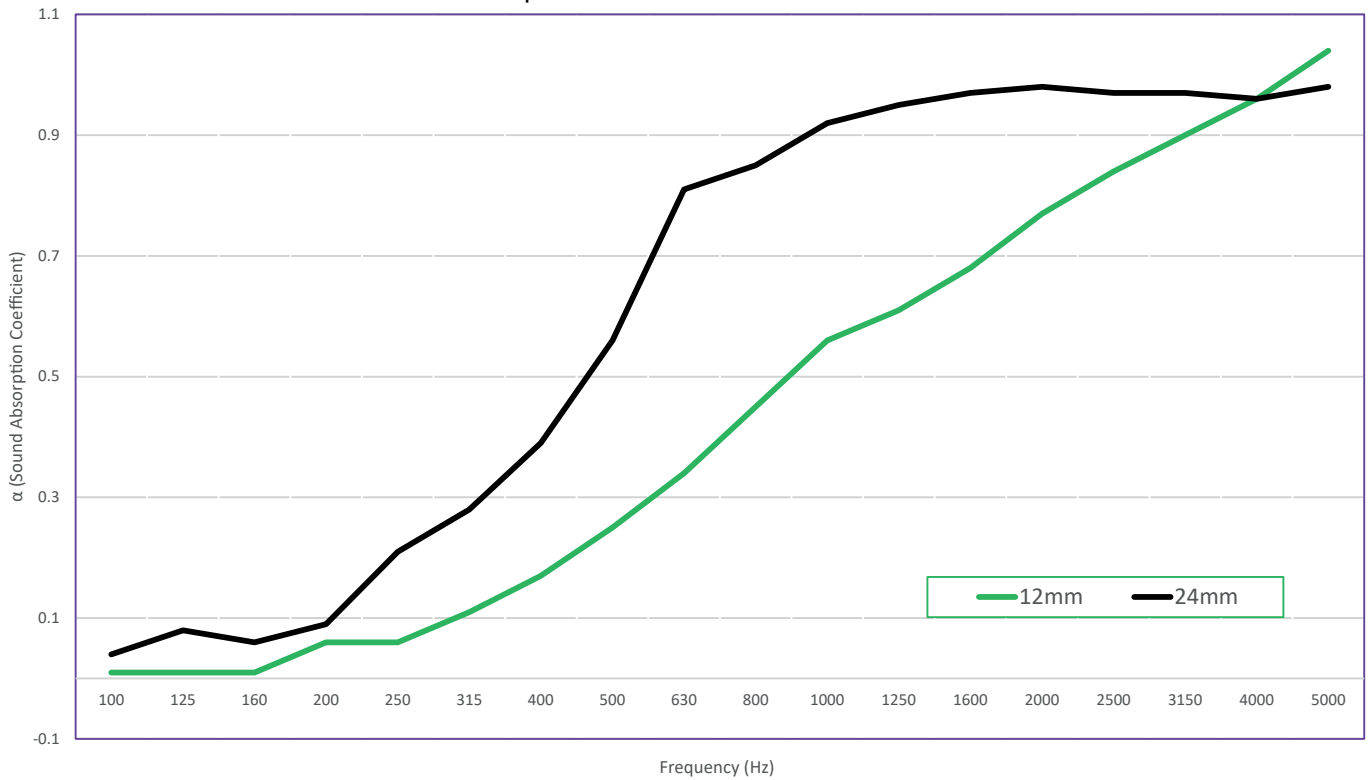
**STANDARD
DIMENSIONS
AND TYPES**

**MSYSTEM LINEAR
CEILING / WALL**



**SOUND
ABSORPTION**

M-SYSTEM Linear
Absorption coefficient measurements



M-SYSTEM Linear Material 12mm:
Sound class D ($\alpha_w=0.30$)
[according to ISO 354:2003 & ISO 11654:1997]

M-SYSTEM Linear Material 24mm:
Sound class C ($\alpha_w=0.61$)
[according to ISO 354:2003 & ISO 11654:1997]

**SOUND
ABSORPTION**

Frequency (Hz)	12mm		24mm	
100	0.01		0.04	
125	0.01	0.01	0.08	0.06
160	0.01		0.06	
200	0.06		0.09	
250	0.06	0.08	0.21	0.19
315	0.11		0.28	
400	0.17		0.39	
500	0.25	0.25	0.56	0.59
630	0.34		0.81	
800	0.45		0.85	
1000	0.56	0.54	0.92	0.91
1250	0.61		0.95	
1600	0.68		0.97	
2000	0.77	0.76	0.98	0.97
2500	0.84		0.97	
3150	0.9		0.97	
4000	0.96	0.97	0.96	0.97
5000	1.04		0.98	

