

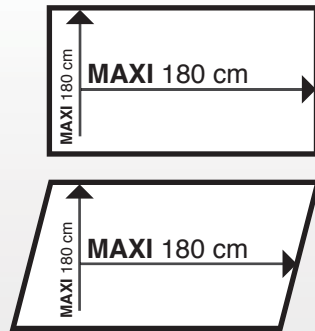


MIR.O.DAL *PRODUCTLINE* PRE-STRETCHED CEILING PANEL DOUBLE LAYER

• LA DALLE DE PLAFOND DOUBLE PEAU • DOPPELT BESPANNTES DECKENPANEEL IM GROSSFORMAT • LA PLACA DE
TECHO TENSADO DOBLE TELA • PLACAS DE TECTO TENSO DUPLA PELE • IL PANNELLO DEL SOFFITTO A DOPPIO STRATO
• ПОТОЛОЧНОЕ ПАННО ДВОЙНОЕ ИЗ НАТЯЖНОГО ПОТОЛКА • TEGEL BESTAANDE UIT SPANPLAFOND DUBBELE FOLIE •
TEGEL BESTAANDE UIT SPANPLAFOND DUBBELE FOLIE • PLACAS DE TECTO TENSO DUPLA PELE •
Προ-τεντωμένα Πάνελ Οροφής σε Διπλό Επίπεδο •

MIR.O.DAL STD

ACOUSTIC**
LUMINOUS*
BIOPRUF
DECORATIVE

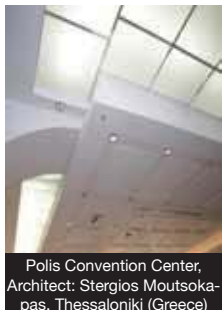
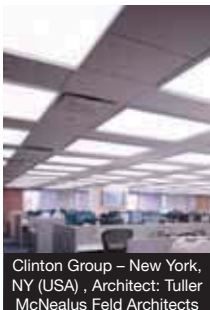
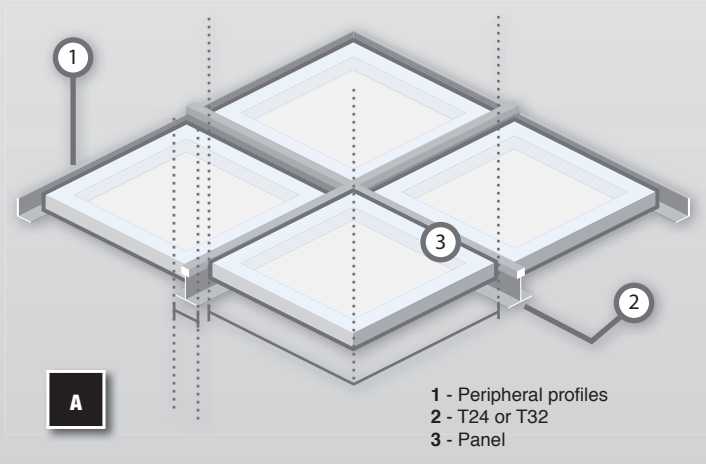
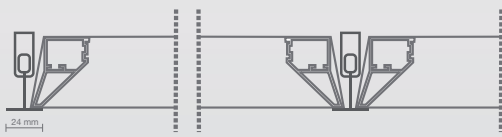


PRODUCT DESCRIPTION:

A lay-in panel comprised of a powder coated white aluminium frame, covered with a double layer of PVC film, available in shiny, satin, matte, translucent, acoustic and Bio Pruf finishes. Available in all colors and finishes of the Newmat product line.

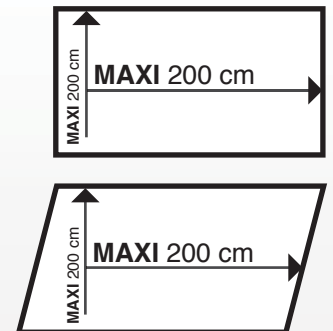
HOW TO INSTALL

A – T24 or T32 profile



MIR.O.DAL BB

ACOUSTIC**
LUMINOUS*
BIOPRUF
DECORATIVE



PRODUCT DESCRIPTION:

A lay-in panel comprised of a powder coated white aluminum frame, covered with a double layer of PVC film, available in shiny, satin, matte, translucent, acoustic and Bio Pruf finishes. This panel is reinforced by an internal structure to prevent it from bowing in and to allow the panels to butt side to side with no visible gap. Available in all colors and finishes of the Newmat product line.

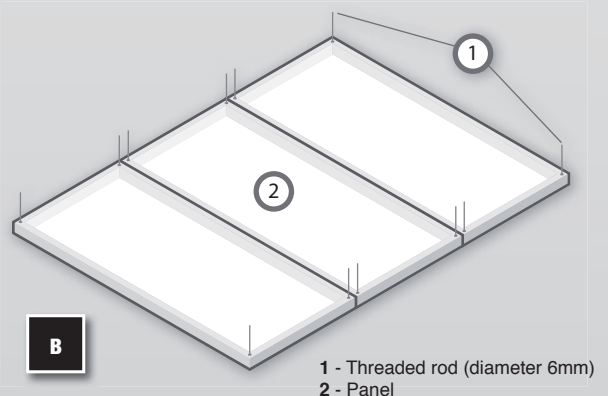
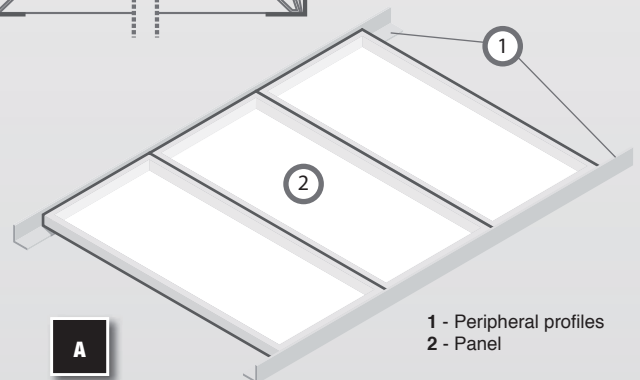
PRODUCT DESCRIPTION LUMINOUS PANEL:

A lay-in panel comprised of a powder coated white aluminum frame, covered with a double layer of translucent PVC film (microperforated acoustic luminous finish available). This panel is equipped with invisible steel reinforcement bars on the side to prevent it from bowing in and to allow the panels to butt side to side with no visible gap, all the while remaining perfectly translucent.

HOW TO INSTALL

A – PROFILE

B – DIRECT INSTALLATION (diameter 6mm)



MIR.O.DAL ROUND

ACOUSTIC**
LUMINOUS*
BIOPRUF
DECORATIVE

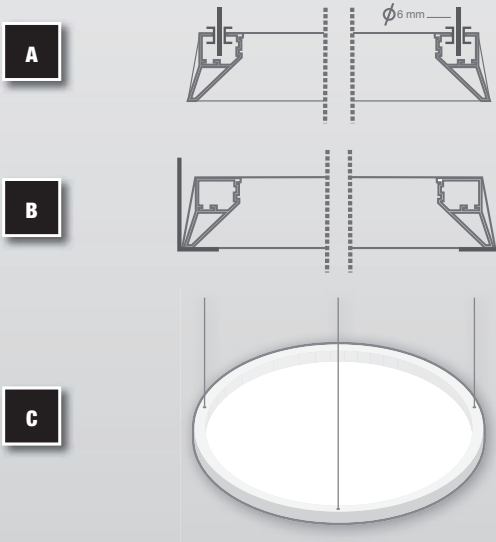


PRODUCT DESCRIPTION:

A lay-in panel comprised of a round powder coated white aluminum frame, covered with a double layer of PVC film, available in shiny, satin, matte, translucent, acoustic and Bio Pruf finishes. Available in all colors and finishes of the Newmat product line.

HOW TO INSTALL

- A – DIRECT INSTALLATION (M6)
- B – EMBEDDED
- C – SUSPENDED WITH WIRE CABLES



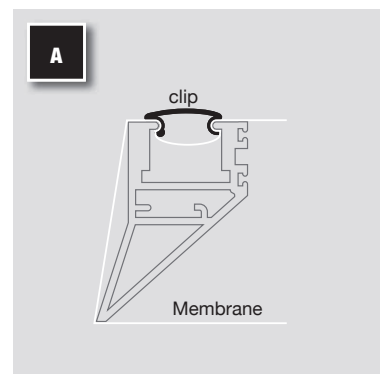
Sea Pearl Restaurant – Merrifield, VA (USA) – Architect: We Design Build Architects

MIR.O.DAL MO

PRODUCT DESCRIPTION:

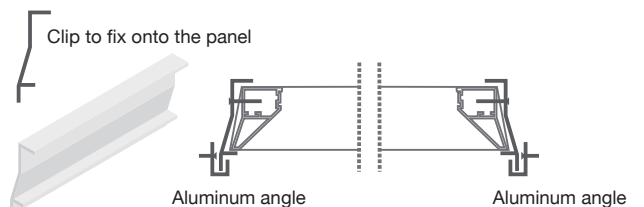
A lay-in panel comprised of an aluminum tube frame with a clip system which allows the use of woven fabrics, as well as incombustible acoustic or luminous membranes.

HOW TO INSTALL
A - CLIP



ANTI-SEISMIC CLIP

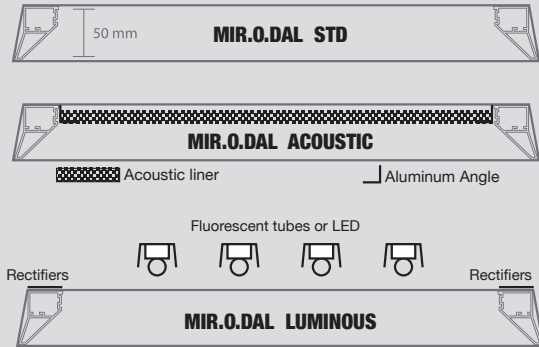
For MIR.O.DAL STD and MIR.O.DAL BB.



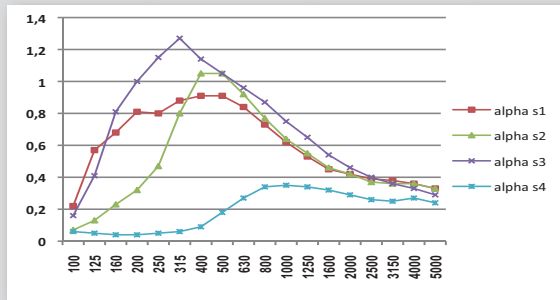
I. PROPERTIES OF MIR.O.DAL MEMBRANES:

- PVC membrane dyed to different colors, rated M1/B1. EU fire rating B, s2, d0.
- Microperforated, acoustic, matte, colored.
- Translucent : Light transmission.
- Double layer : dust barrier.
- Bio Pruf: anti-bacterial, anti-fungal.
- Decorative: White laquer, various colors or printed (please see NEWGRAPHIC catalogue).

II. COMPOSITION OF THE PANELS:

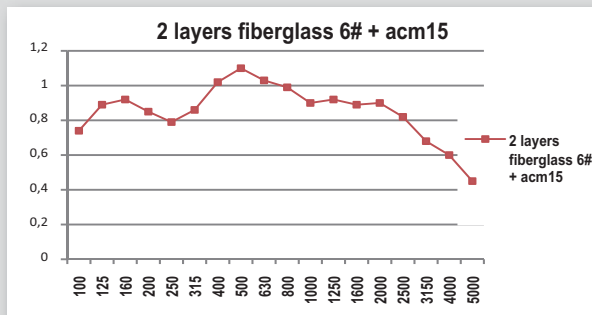


**III. ACOUSTICAL DATA FOR THE MEMBRANES MIR.O.DAL MICROPERFORATED: EUROPE



NF EN 20354 complemented by NF EN ISO 11654

**Alpha 1 W:	0,45	plenum 400 mm : air layer 20 mm, rock wool 60 mm, air layer 320 mm + ACM15
**Alpha 2 W:	0,45	plenum 60 mm : rock wool 30 mm, air layer 30 mm + ACM15
**Alpha 3 W:	0,50	plenum 100 mm: rock wool 60 mm, air layer 40 mm + ACM15
*Alpha 4 W:	0,25	plenum 60 mm: ACM15 only



Acoustical Data for MIR.O.DAL Microperforated membranes: USA

In accordance with Standard: ASTM C 423-99a	
2 layers of fiberglass 1" thick (2.54cm) each: Plenum 400 mm + ACM15	
Average absorption coefficient:	0,92
NRC:	0,90

FDE&S FOR THE HQE® PROCEDURE

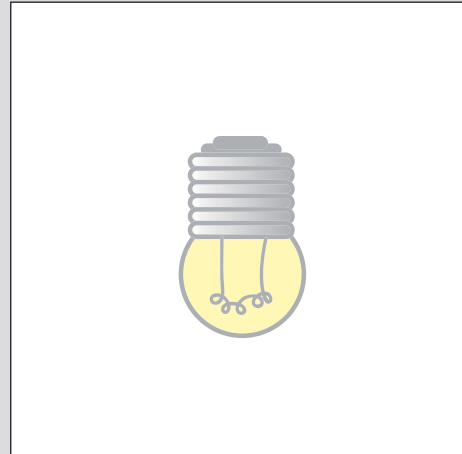
ENVIRONMENTAL AND HEALTH CHARACTERISTICS OF BUILDING PRODUCTS FOR THE HIGH ENVIRONMENTAL QUALITY PROCEDURE

DTU : 58-1 Suspended ceilings / European Standard: NF EN 13964
Guaranteed industrial product, cannot be re-cut on site.

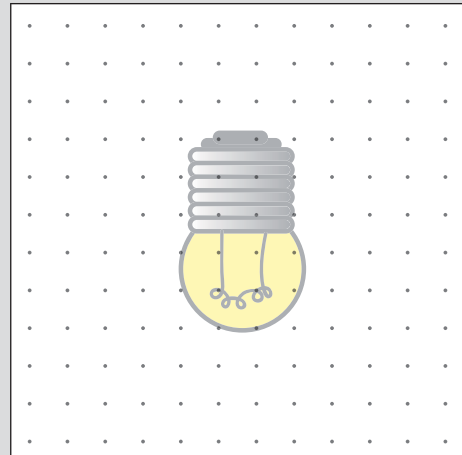
*IV. PERCENTAGE OF LIGHT ABSORPTION AND TRANSMISSION THROUGH ONE LAYER OF TRANSLUCENT MEMBRANE

MEMBRANE	Thickness	Transmission	Absorption	Fire rating
T0B	20/100	72,50%	27,50%	B, s2, d0
TOB2	17/100	70,98%	29,02%	B, s2, d0
TOB3	17/100	76,60%	23,40%	B, s2, d0
TOB4	17/100	71,38%	28,62%	B, s2, d0
T1 Naturel	17/100	91,80%	8,20%	B, s2, d0
T3 Bleu	17/100	61,22%	38,78%	B, s2, d0
T4 Vert	17/100	73,46%	26,54%	B, s2, d0
T8 CRYSTAL	30/100	98,10%	1,90%	NC

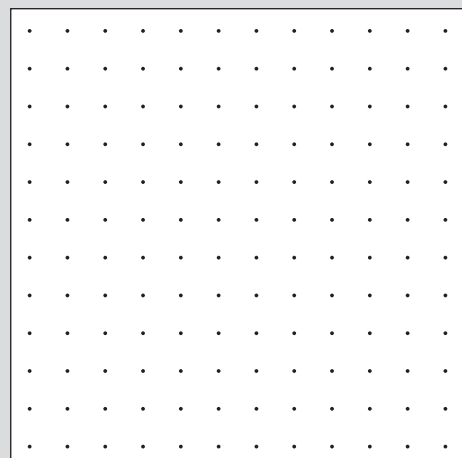
SAMPLES



NEWLIGHT TOB



NEWLIGHT TOB Microperf Acoustic



NEWACOUSTIC Microperf ACM 15





Clinique du Pied – Lesquin (France)
Architect: Bruno Verwaerde



Museum Albertinum – Dresden (Germany) – Architect: STAAB
Architekten BDA



Museum Albertinum – Dresden (Germany) – Architect: STAAB
Architekten BDA



Washington University, St Louis, Mo (USA)
Architect: Hartman-Cox/DC & McClure Engineering



Apple Store – Paris – Architect: Gensler, Eight Inc



Currier Museum of Art – Manchester, MH. Architect: Ann Beha Architects

MIR.O.LIGHT Reference FRAME QUADRO - EXAMPLE OF A PARTNERSHIP



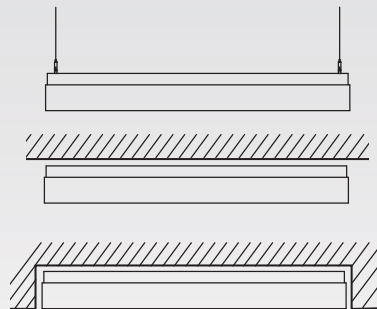
Bureau Dubai – Architect: Creation Gulf Trading
LLC



Dimensions (mm)	Lights	Weight (kg)
1226 x 1226	6x 28/54 W	34,5
1226 x 613	3x 28/54W	20,5
1526 x 1526	8x 35/49 W	44,5
1526 x 763	4x 35/49 W	27,5

INSTALLATION:

- A – SUSPENDED WITH WIRE CABLES
- B – FIXED DIRECTLY ONTO THE CEILING
- C – RECESSED IN THE CEILING



SUSPENSION: Reference: Kit with 4 wire suspensions

DESCRIPTION:

- An aluminum frame combined with steel casing
- A homogenous light field with a 150mm high casing thanks to patented MIRODAL® technology
- A low weight thanks to the use of luminous membranes
- Different suspension possibilities
- A patented system which allows for easy access when changing light tubes



Beauty Center Riyad (Saudi Arabia) Newmat ksa design



Apple Store - Milano (Italy) Architect: Gensler, Eight Inc



Centro Garcia Lorca,
Granada, Spain.
Architect: Boris Bezan



Currier Museum of Art - Manchester, NH
Architect: Ann Beha Architects



Supermarket, Germany.
Design: Ruco Licht, GmbH

FOR FURTHER INFORMATION PLEASE CONTACT US
<http://www.mirodal.com>

NEWMAT : Certified installers at your service.



NEWMAT S.A.S

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