



Headquarters: No. 28, Jalan Klang Sentral, 11/KU5, Klang Sentral, 41050 Klang, Selangor Darul Ehsan, Malaysia
Production Base: No.2 Dongsan road, Economical & Technical Development Area, Liu'an city, Anhui Province, China
www.ckmholding.com.my

MLD ACOUSTIC CEILING SYSTEM



MLD ACOUSTIC CEILING SYSTEM

DIFFERENT IDEA DIFFERENT WORLD



For years,MLD constantly strives for excellence ,not only do what we have to.The introduction of key production equipments and technic from Europe make sure the quality can be excellent.And the scientific management which is in a Customer-oriented way by sticking to the principle of keeping improving in quality and service,is the reliable assurance to make that happen.



CONTENTS

In the meantime,MLD has been committed to innovation and development of new products to meet the demand of the market.

Architects' creative inspiration is the starting point of innovation,so we keep focusing on their request at each time when we cooperate with them.Inspired by their idea,MLD developed kinds of creative products and systems which integrates all the elements of suspended ceiling system.

Research and development is the wing of innovation.Meiluda has a professional design and reserch team who is continually transforming reserch result into production. Meiluda mastered the technology to make high-fiber content product in 2011,thereby we can provide our customers with high plasticity and high fireproof performance ceiling tiles.



Products performance **PAGE 03**
 Comfortable environment P03-P08
 Safe space P09-P10
 Green materials P11-P12

Ceiling system& performance products **PAGE 13**

- Illumesky P13-P16
- Campo P17-P18
- Peakview P25-P28
- Snowflake P29-P36
- Elegant P37-P38
- Wintersun P39-P40
- Softpoem P41-P42
- Greencabin P43-P44
- Wintersnow P45-P46
- Fitcase P47-P48
- Quietair P51-P52
- Quietair II P53-P54
- Inbreeze P55-P56
- Nebula P57-P60

Special design products **PAGE 61**

- Black panel P61-P62
- Afflatus P63-P64
- Inspirtic P65-P68

Suspension system **PAGE 69**

- FL38 P69-P70
- FL32 P71-P72

Project case **PAGE 73**



To make sure all the products we provide to our customers are in good quality, each process of the production is strictly controled.From raw materials purchasing to finish product management,every tiny detail will be carefully inspected. In the year of 2010,Meiluda quality management system went through the examination of SGS and get the certification of ISO9001.



What can MLD supply?



Acoustic environment

Noise is unavoidable in our daily life. When people are having rest, working or learning, noise will bring negative effect. Sometimes it can even do harm to our health. How to control the noise, now is an important subject for the construction and decoration architectural design.



Sound insulation

In our daily life, some of our conversations is private or confidential, which is not willing to be heard by others. The building should provide such kind of performance, and the building materials must be sound insulative.



MLD acoustic ceiling tile can reduce the sound wave during transmission by leading the energy of sound to deviate from its direction of propagation. Sound spreading to adjoining rooms is obstructed and our private conversation get protected.

CAC is the measure of the sound insulation performance of ceiling tile. The CAC rate of Meikuda acoustic ceiling tile can be higher than 35.



Reverberation time

Reverberation time is a physical quantity for describing the degree of sound attenuation in enclosures, and it is also an important objective estimate parameter in sound quality design.

Long reverberation time means long disappearance time. In a public room where is filled with echo, sound including speaking, music and noise will be distorted. So to get more intelligibility, we need to control and reduce the reverberation time. In class room, office, meeting room, the best reverberation time should be lower than 1 second.

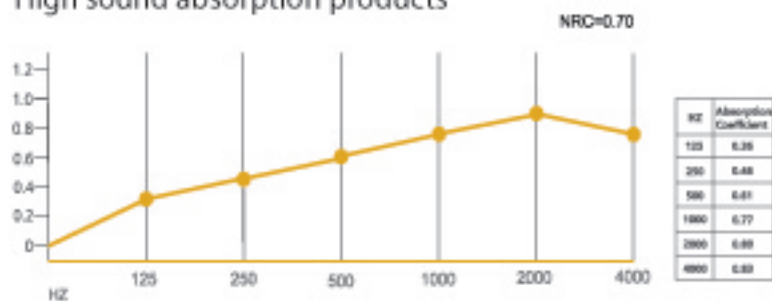
The larger the volume of the sound source, the greater the energy of the sound wave. Acoustic materials can effectively reduce the wave energy and reverberation time.

In rooms without acoustic decorative materials, we can hear a lot echo. Because the sound wave are reflected by the surface of the materials.

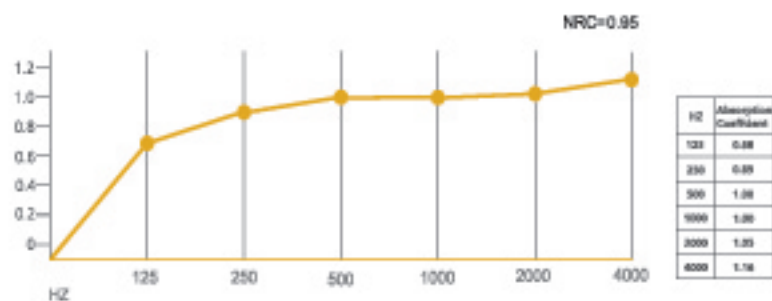
MLD ceiling tile have soft porous structure inside and adopt long type mineral fiber as raw material. When sound wave comes to the surface of the tile, it can easily get into the panel. The mineral fiber can effectively convert the wave into kinetic energy of itself. What's more, the friction between wave and the holes inside will create heat and lower the energy again.

The result of experiment shows positive effect that in rooms which use mineral fiber ceiling board, the reverberation time is effectively reduced and can get better intelligibility.

High sound absorption products



PEAKVIEW



ELEGANT

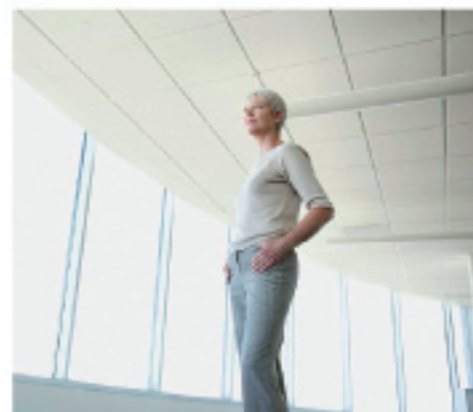
Sound absorption

In library, we need quietness to be concentrated to read and study. In baby's bedroom, babies need quietness to get sleep. In this area, we should choose sound absorption materials.

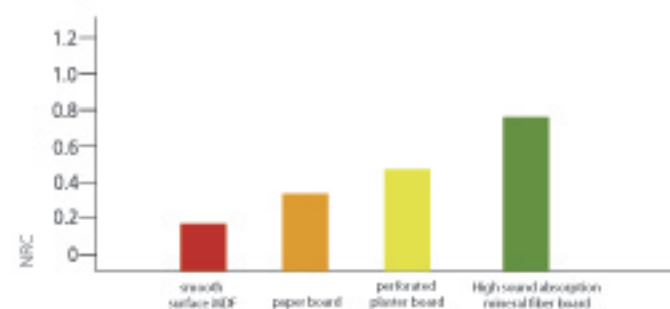


MLD acoustic ceiling board

MLD ceiling products provide ceiling tiles NRC over 0.5 which will efficiently improve the acoustic environment of the room.



Sound-absorbing material classification
Practice approved noise reduction coefficient



Optical environment

High light reflection performance

The illumination provided by direct light source will cause glare and shadow, which will make problem for our visual sense and work efficiency. The surface of the interior decorative materials will reflect the light which comes from the direct light source, creating the indirect light. Indirect light is even more soft and makes less glare or shadow. Work and reading become more comfortable. What's more, indirect light can improve the efficiency of the lighting system and reduce the energy consumption. Based on this consideration, it is very important to use high light reflection decoration materials.



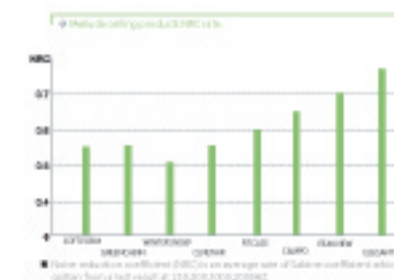
Direct lighting source



Indirect lighting source



According to ASTM E1477, high light reflection materials need to get a light reflection rate above 0.84 on the surface. Meiluda high light reflection ceiling tile can provide 0.84-0.90 light reflection rate. It will improve the effective utilization rate of direct light source, and create more indirect light. In a room with Meiluda high light reflection ceiling, the light system will be more comfortable and make a more pleasant environment to read and work.





Fire resistance

Building should not only provide people a space to live in and work in, but also is very important to protect people when there is some disaster, such as fire. The fire resistance performance and quality of the decoration materials will decide if the fire will be resisted or spread freely. Fire resistance materials will provide extra time for people to escape.



To protect the life safety, fire-resistant materials are our best choice. Meiluda ceiling products got brilliant fire-resistant performance. Normal products can meet Class 0 (BS476 PART6&7), Class A (ASTM E84). High fire-resistance products can reach China A2 grade and Japan JIS standard.



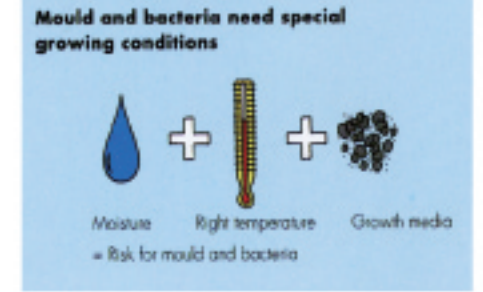
MLD ceiling products meet below fire-resistant standards:

- China standard: A2 grade/B grade (GB8624-2006)
- Japan standard: JIS standard
- USA standard: Class A (ASTM E84)
- UK standard: Class 0 (BS476 part6&7)



Bacteria resistance and humidity resistance

At certain temperature, after absorbing moisture in the air, the tiles become more suitable for bacteria to live. It's dangerous for our daily life. To prevent the growing of bacteria effectively is an important performance for ceiling tile. Meiluda ceiling tile are treated with humidity & bacteria resistance technic and special mouldproof coatings to stop and kill the bacteria. The mouldproof coatings are also protective painting for the panel, making the panel moisture resistant.



MLD humidity-resistant ceiling

Meiluda mineral fiber ceiling board is made from high standard raw materials and specially treated with humidity-resistance technic. All Meiluda ceiling products won't deform or sag in relatively high humidity and temperature condition.



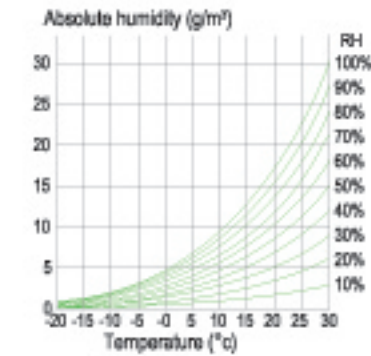
Mineral fiber ceiling panels which don't reach good RH



Meiluda acoustic ceiling panels



Different type of Meiluda ceiling tile can reach RH rate from RH80-RH99. RH90/95/99 products can be installed within temperatures of between 0°C to 49°C and relative humidity up to 90/95/99%. But installation in seeper spaces or direct water contact areas is not allowed. RH80/85 products can be installed within temperatures of between 0°C to 30°C and relative humidity of up to 80/85%. But installation in seeper spaces or direct water contact areas is not allowed.



Green materials

Energy conservation and Environment protection



Quality of life not only depends on what kind of ceiling we use, but also upon the environment around us.

Meiluda doesn't produce fresh air, but we don't make pollution; Meiluda can't purify the water, but we can reuse the effluents; Meiluda needs to take the favor from nature, but we don't waste...



MLD got the ISO14001 International Environmental Certificate and China Environmental Certificate in 2011, as a reward of the effort and performance in environment protection.

Meiluda Raw Materials



slag



starch



perlite



High sound absorption products



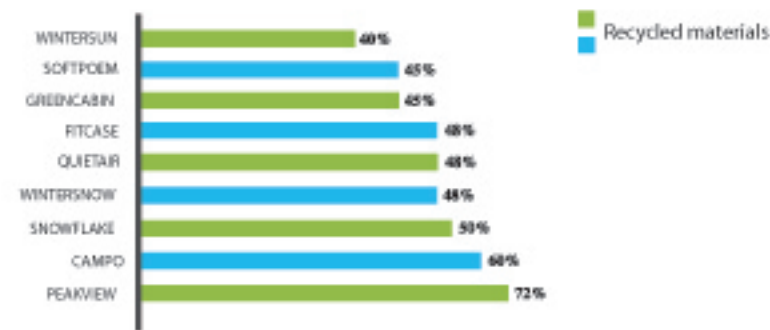
During production process

MLD manufacturer can recycle all the used water and make no effluents. The adoption of long mineral fiber and perlite can give the ceiling tile good performance of heat insulation and the high light reflection surface of the tile can bring more indirect light. So the efficiency of the lighting system and air conditioning system are improved. Then energy is saved.



After using

All MLD product can be recycled to produce new products. No solid waste needs to be created.



MLD always expect to share the fruit of environment protection with our partners. LEED was developed by the U.S. Green Building Council, and is intended to provide building owners and operators a concise framework for identifying and implementing practical and measurable green building design, construction, operations and maintenance solutions. The wide acceptance of this system in the world, make it possible that Meiluda can share the fruit of environment protection with clients. Using of MLD ceiling product can help the building to get more score in LEED marking system.

	LEED Item	Goal of item	MLD products help to get score
Energy and Atmosphere	EA Credit 1: Optimize energy performance	To achieve increasing levels of energy performance beyond the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.	MLD High light-reflection rate ceiling can effectively provide more indirect light which will increase the efficiency of the lighting system, so that direct light installation can be reduced. The ceiling tile itself also could play as heat insulating material to increase the efficiency of the air conditioner system.
Indoor Environmental Quality	EQ Credit 8.1 & 8.2: Daylight and Views	To provide building occupants with a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building.	Surfaces of Meiluda ceiling tile can reflect 85-90% light which will do greatly help for the natural light propagation between different indoor spaces.
	EQ Credit 4.1 & 4.5: Low-Emitting Materials	To reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.	All the raw materials in Meiluda ceiling tile are harmless to human body and the environment. Anti-Bacteria products can kill the bacteria in the air and control the content of them.
Materials and resources	MR Credit 2.1 & 2.2: Construction Waste Management	To divert construction and demolition debris from disposal in landfills and incineration facilities. Redirect recyclable recovered resources back to the manufacturing process and reusable materials to appropriate sites.	MLD acoustic ceiling board can be recycled both the tiles and packing. And in many of the big cities you can find service of abandoned material recycle.
	MR Credit 4.1 & 4.2: recycled content	To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.	Different series of Meiluda ceiling tile contain 20-65% recycled materials and the rate will be shown on the label.
	MR Credit 5.1 & 5.2: regional materials	To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.	The location of MLD plant is in the middle area among the main big cities which are main markets and also near to the raw materials region, so that transportation is reduced.
	MR Credit 6.0: rapidly renewable materials	To reduce the use and depletion of finite raw materials and long-cycle renewable materials by replacing them with rapidly renewable materials.	MLD use corn starch as bond in production instead of other chemical materials.

Modern and Comfortable

System data

- Dimension**
- ceiling plank lamp belt width
 - 300x1200 • 150
 - 400x1200 • 300
 - 600x1200
- Recommended ceiling series**
- FITCASE, CAMPO, PEAKVIEW
- Lamps and lanterns**
- Grille lamp, LED



ILLUMESKY is a customized ceiling system which integrates the ceiling lighting fixtures, air diffusers, fire equipments and other service elements. ILLUMESKY provides a flexible and unique solution to design and will illumine our sky. All technical elements are fully compatible with Meliuda ceiling tile and suspension systems as per different edge profile and color.

System Performance

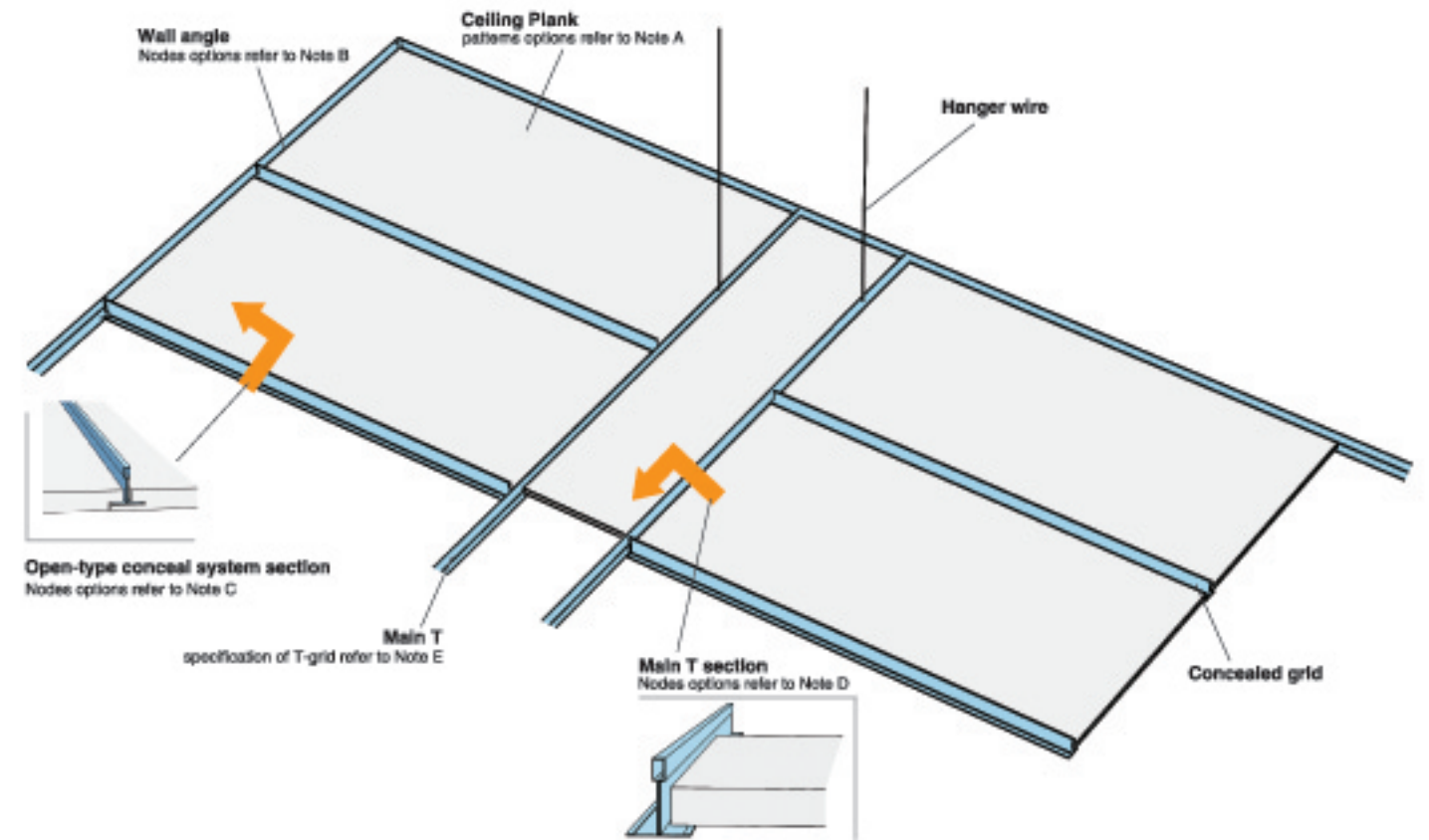
Acoustic	NRC	0.50-0.70
	CAC	30-45
Optical	LR	0.85-0.90
Safe (Fire resistance)	China standard	A2
	USA standard (ASTM E84)	Class A
Environmental	Recycled materials	40-75%

System Feature

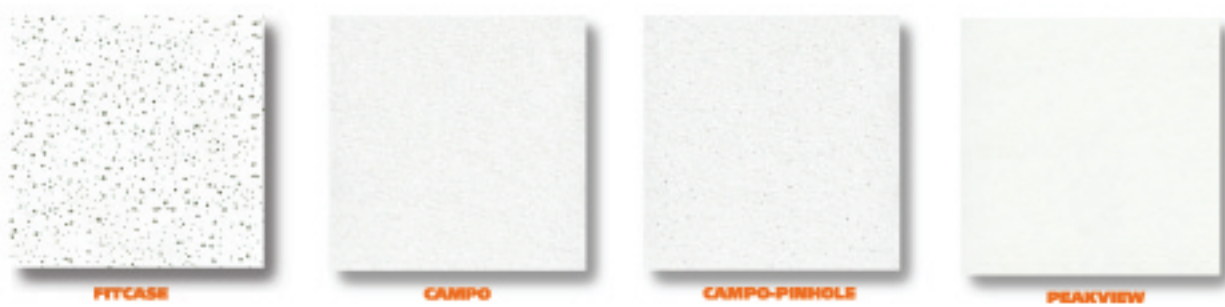
- Makes layout of the ceiling more clean and integrated, providing a simple and ordered space.
- Using of different ceiling materials will be available to meet the design and acoustic demands of the spaces.
- Different shapes of ceiling panel and types of other service elements could be adopted, providing more flexible choice.
- Installation and re-configuring ceiling service element position become more easy and no need to move the ceiling panels.



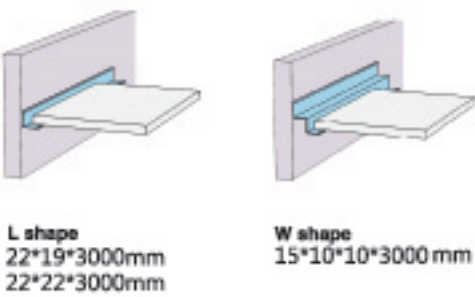
ILLUMESKY installation instruction



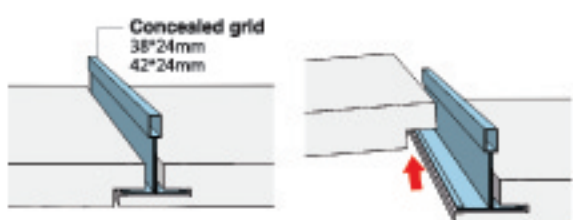
A Recommended ceiling series



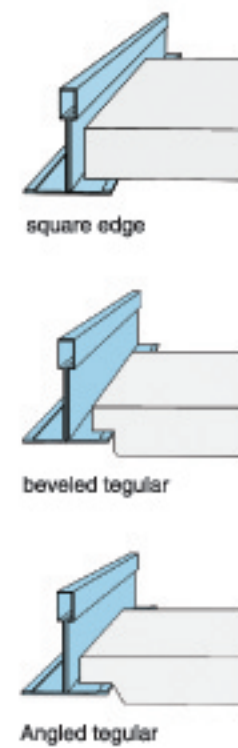
B Wall angle section



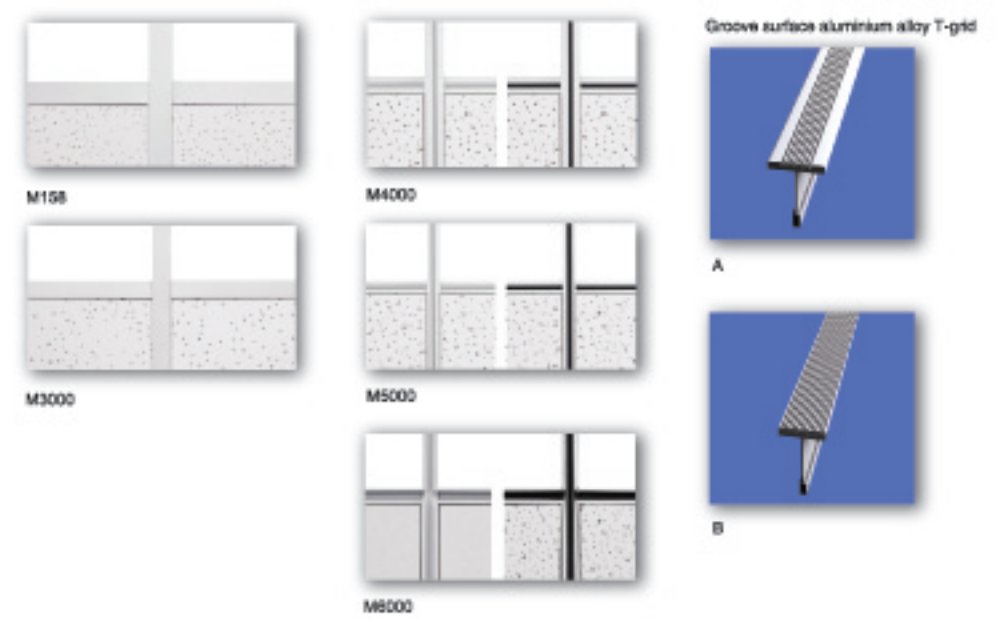
C Open-type conceal system section



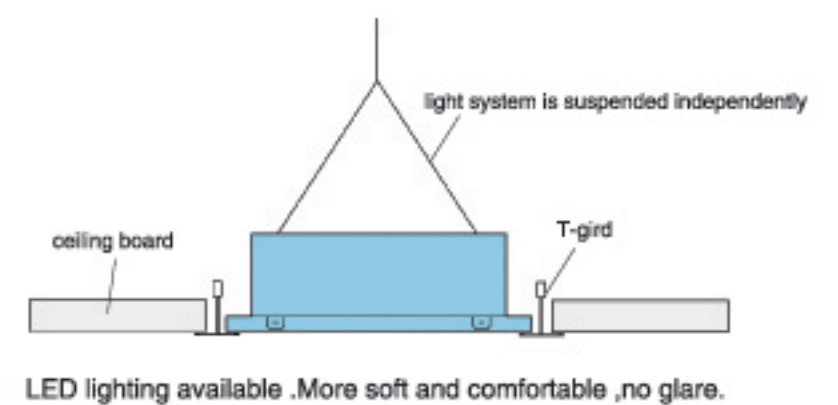
D Main T section



E Specification of T-grid

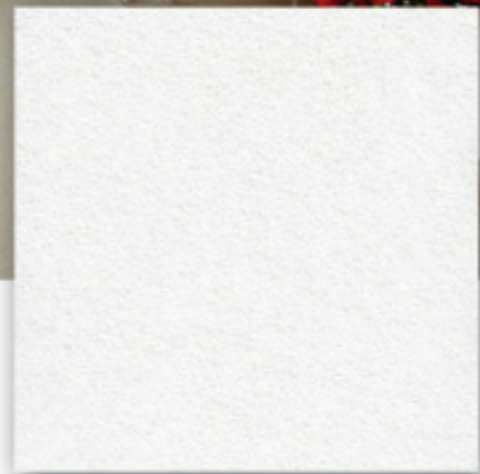


Embedded light box installation instruction





CAMPO



Features

- With excellent texture of sand surface gives more natural feeling.
- Good sound absorption and reduce back ground noise & attenuation between rooms.
- Nondirectional visual reduces installation time and scrap.
- High light reflectance
- Asbestos free

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.60-4.80 kg/m ² 0.74-0.98 lbs/SF	Insulation value 18mm:Average R Factor-2.3(Imperial) Factor-0.4(Metric) 16mm:Average R Factor-1.7(Imperial) Factor-0.3(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade: China standard Class 0: Britain standard BS 476 part 6&7	
ASTM E1264 classification Type III, Form 2, Pattern CE	
*If Ai (China standard) products are needed, please contact Melinda sales engineer	

Color

Color: white Recycled materials

60%

Selective color

Recommended system

Exposed system

Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
CAMPO square edge 	3808	24x24x7/11"
	3606M	600x600x16mm
	3812	24x48x7/11"
	3812M	600x1200x16mm
CAMPO beveled tegular edge 	3807	24x24x7/11"
	3607M	600x600x16mm
	3817	24x48x7/11"
	3817M	600x1200x16mm
CAMPO angled tegular edge 	3809	24x24x7/11"
	3609M	600x600x16mm
	3819	24x48x7/11"
	3819M	600x1200x16mm
CAMPO square edge 	3806	24x24x7/10"
	3806M	600x600x18mm
	3807	24x48x7/10"
	3807M	600x1200x18mm
CAMPO beveled tegular edge 	3808	24x24x7/10"
	3808M	600x600x18mm
	3809	24x48x7/10"
	3809M	600x1200x18mm
CAMPO angled tegular edge 	3810	24x24x7/10"
	3810M	600x600x18mm
	3812	24x48x7/10"
	3812M	600x1200x18mm

*If you need other dimensions please contact Melinda sales engineer

CAMPO performance standard(16mm)



CAMPO performance standard(18mm)





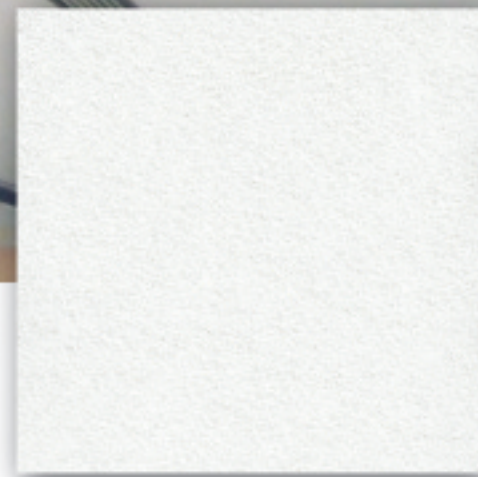
CAMPO



High sound absorption



CAMPO
PLANKS



Features

- With excellent texture of sand surface gives more natural feeling.
- Good sound absorption and reduce background noise & attenuation between rooms.
- Nondirectional visual reduces installation time and scrap.
- High light reflectance
- Asbestos free

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.60-4.80 kg/m ² 0.74-0.98 lbs/SF	Insulation value 18mm: Average R Factor-2.3(Imperial) Factor-0.4(Metric) 16mm: Average R Factor-1.7(Imperial) Factor-0.3(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade: China standard Class 0: Britain standard BS476 part6&7	
ASTM E1264 classification Type III, Form 2, Pattern CE	
*If A (China standard) products are needed, please contact Mellicus sales engineer	

Color

Color: white Recycled materials

60%

Selective color

Recommended system

Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
CAMPO square edge	3672	300x1200x18mm
	3674	400x1200x18mm
CAMPO beveled tegular edge	3673	300x1200x18mm
	3685	400x1200x18mm
CAMPO angled tegular edge	3682	300x1200x18mm
	3684	400x1200x18mm
CAMPO open-type concealed edge	3992	300x1200x18mm
	3995	300x1500x18mm
	3998	300x1800x18mm
	3921	300x2100x18mm
	3924	300x2400x18mm
CAMPO open-type concealed edge	3952	400x1200x18mm
	3954	400x1500x18mm
	3958	400x1800x18mm
	3991	400x2100x18mm
	3994	400x2400x18mm
	3996	600x1200x18mm

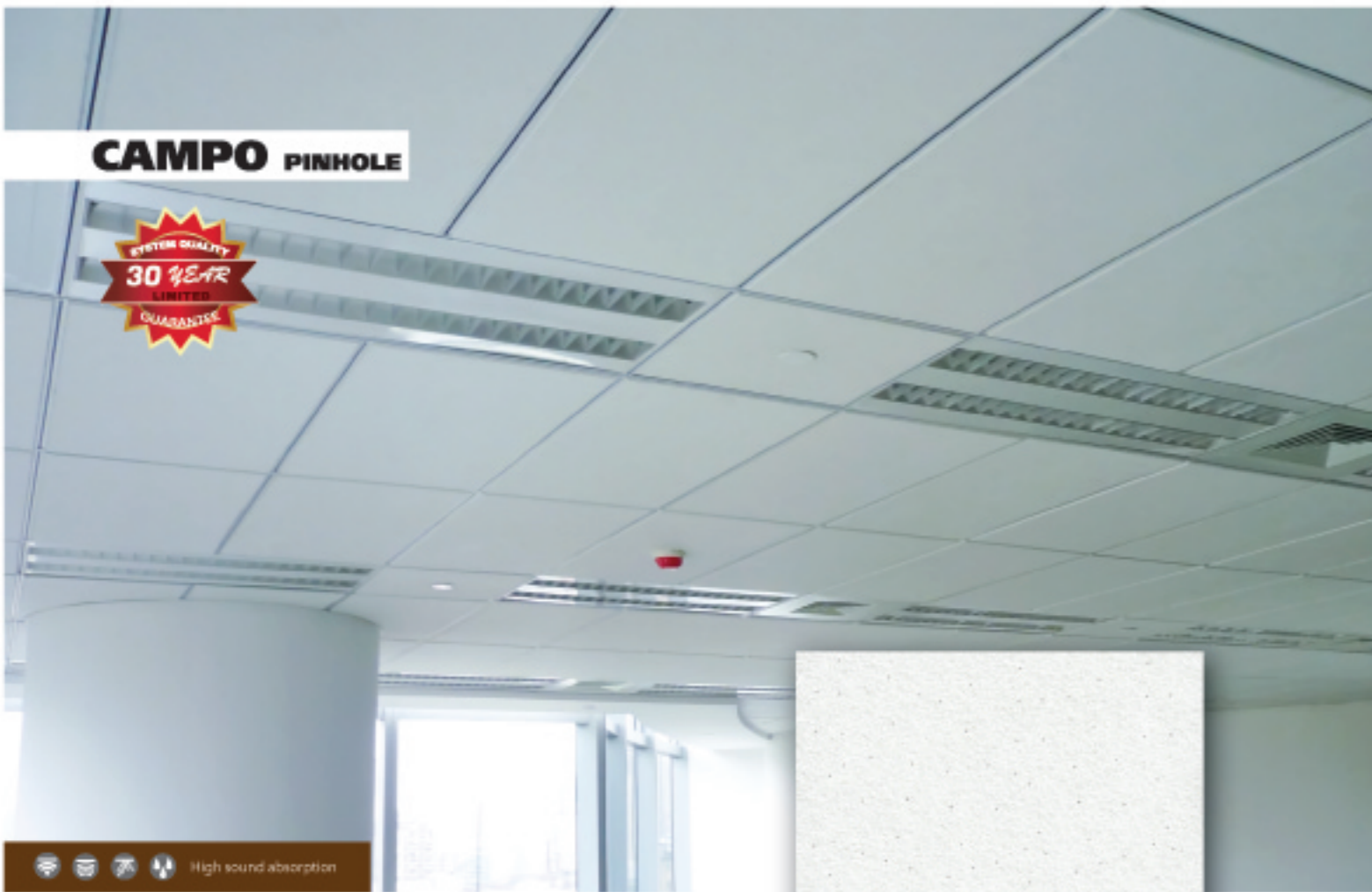
*If you need other dimensions please contact Mellicus sales engineer

CAMPO performance standard(16mm)



CAMPO performance standard(18mm)





CAMPO PINHOLE

SYSTEM QUALITY
30 YEAR
LIMITED
WARRANTY

High sound absorption

Recommended area



CAMPO PINHOLE



Features


- With excellent texture of sand surface gives more natural feeling.
- Good sound absorption and reduce background noise & attenuation between rooms.
- Nondirectional visual reduces installation time and scrap.
- High light reflectance
- Asbestos free

Physical data


Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.60-4.80 kg/m ² 0.74-0.98 lbs/SF	Insulation value 18mm: Average R Factor-2.3 (Imperial) Factor-0.4 (Metric) 16mm: Average R Factor-1.7 (Imperial) Factor-0.3 (Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade: China standard Class 0: Britain standard BS476 part 6&7	
ASTM E1264 classification Type III, Form 2, Pattern CE	
*FA (China standard) products are needed, please contact Melkida sales engineer	

Color


Color: white Recycled materials

 **60%**

Selective color



Recommended system






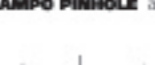


Exposed system

Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
CAMPO PINHOLE square edge 	3906	24x24x7/11"
	3906M	600x600x18mm
	3912	24x48x7/11"
	3912M	600x1200x18mm
CAMPO PINHOLE beveled tegular edge 	3907	24x24x7/11"
	3907M	600x600x18mm
	3917	24x48x7/11"
	3917M	600x1200x18mm
CAMPO PINHOLE angled tegular edge 	3909	24x24x7/11"
	3909M	600x600x18mm
	3919	24x48x7/11"
	3919M	600x1200x18mm
CAMPO PINHOLE square edge 	3926	24x24x7/10"
	3926M	600x600x18mm
	3927	24x48x7/10"
	3927M	600x1200x18mm
CAMPO PINHOLE beveled tegular edge 	3928	24x24x7/10"
	3928M	600x600x18mm
	3929	24x48x7/10"
	3929M	600x1200x18mm
CAMPO PINHOLE angled tegular edge 	3930	24x24x7/10"
	3930M	600x600x18mm
	3932	24x48x7/10"
	3932M	600x1200x18mm

*If you need other dimensions please contact Melkida sales engineer

CAMPO pinhole performance standard (16mm)



CAMPO pinhole performance standard (16mm)





CAMPO PINHOLE

SYSTEM QUALITY
30 YEAR
LIMITED
WARRANTY

High sound absorption

Recommended area



CAMPO PINHOLE PLANKS



Features

- With excellent texture of sand surface gives more natural feeling.
- Good sound absorption and reduce back ground noise & attenuation between rooms.
- Nondirectional visual reduces installation time and scrap.
- High light reflectance
- Asbestos free

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.60-4.80 kg/m ² 0.74-0.98 lbs/SF	Insulation value 18mm:Average R Factor-2.3(Imperial) Factor-0.4(Metric) 16mm:Average R Factor-1.7(Imperial) Factor-0.3(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade:China standard Class O: Britain standard BS476 part6&7	
ASTM E1264 classification Type III, Form 2, Pattern CE	
*If Az (China standard) products are needed, please contact Melidua sales engineer	

Color

Color:white

Recycled materials



60%

Selective color



Recommended system



CAMPO pinhole performance standard(16mm)



Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
CAMPO PINHOLE square edge	3972	300x1200x16mm
	3974	400x1200x16mm
CAMPO PINHOLE beveled tegular edge	3975	300x1200x16mm
	3985	400x1200x16mm
CAMPO PINHOLE angled tegular edge	3982	300x1200x16mm
	3984	400x1200x16mm
CAMPO PINHOLE open-type concealed edge	3992	300x1200x18mm
	3995	300x1500x18mm
	3998	300x1800x18mm
	3921	300x2100x18mm
	3924	300x2400x18mm
CAMPO PINHOLE open-type concealed edge	3952	400x1200x18mm
	3954	400x1500x18mm
	3958	400x1800x18mm
	3991	400x2100x18mm
	3994	400x2400x18mm
	3996	600x1200x18mm

*If you need other dimensions please contact Melidua sales engineer

CAMPO pinhole performance standard(16mm)

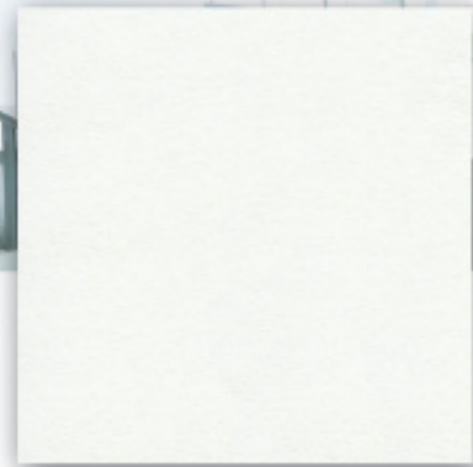




Recommended area



PEAKVIEW



Features

- Outstanding sound absorption performance with graceful surface.
- Special acoustic tissue laminated provides stronger and more durable surface.
- Nondirectional pattern reduces installation time and scrap.
- Excellent fire-resistant performance.
- Asbestos free

Physical data

Raw materials

Wet-formed mineral fiber laminated with acoustic tissue

Surface finish

Acrylic latex coating

Weight

3.60-4.80 kg/m²
0.74-0.98 lbs/SF

Insulation value

19mm: Average R Factor-2.31 (Imperial)
Factor-0.4 (Metric)
16mm: Average R Factor-1.91 (Imperial)
Factor-0.330 (Metric)

Fire resistance*

Class A: Flame spread 25 or under ASTM E84
A2 grade: China standard
Class 0: Britain standard BS476 part 6&7

ASTM E1264 classification

Type III, Form 2, Pattern EG

Color

Color: white

Recycled materials



72%

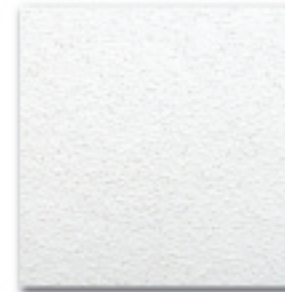
Selective color



Recommended system



Exposed system



PEAKVIEW Ultra

provides a strengthened sand texture surface.

PEAKVIEW performance standard (16mm)



Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
PEAKVIEW square edge 	4606	24x24x7/11"
	4608M	600x600x16mm
	4612 4612M	24x48x7/11" 600x1200x16mm
PEAKVIEW beveled tegular edge 	4607	24x24x7/11"
	4607M	600x600x16mm
	4617 4617M	24x48x7/11" 600x1200x16mm
PEAKVIEW angled tegular edge 	4609	24x24x7/11"
	4609M	600x600x16mm
	4619 4619M	24x48x7/11" 600x1200x16mm
PEAKVIEW square edge 	4621	24x24x3/4"
	4621M	600x600x19mm
	4622 4622M	24x48x3/4" 600x1200x19mm
PEAKVIEW beveled tegular edge 	4623	24x24x3/4"
	4623M	600x600x19mm
	4624 4624M	24x48x3/4" 600x1200x19mm
PEAKVIEW angled tegular edge 	4625	24x24x3/4"
	4625M	600x600x19mm
	4626 4626M	24x48x3/4" 600x1200x19mm

*If you need other dimensions please contact Melinda sales engineer

PEAKVIEW performance standard (19mm)





PEAKVIEW

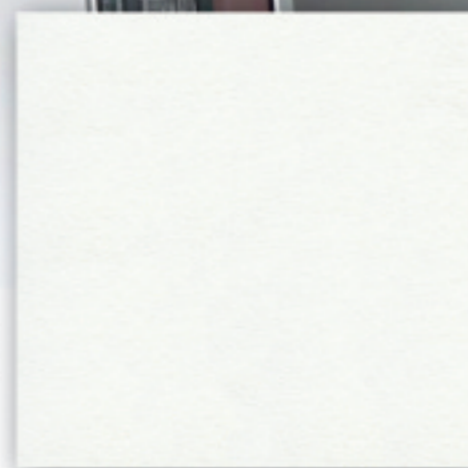
SYSTEM QUALITY
30 YEAR
LIMITED
WARRANTY

High sound absorption

Recommended area



PEAKVIEW PLANKS



Features

- Outstanding sound absorption performance with graceful surface.
- Special acoustic tissue laminated provides stronger and more durable surface.
- Nondirectional pattern reduces installation time and scrap.
- Excellent fire-resistant performance.
- Asbestos free

Physical data

Raw materials
Wet-formed mineral fiber laminated with acoustic tissue

Surface finish
Acrylic latex coating

Weight
3.60-4.80 kg/m²
0.74-0.98 lbs/ft²

Insulation value
19mm: Average R Factor-2.3 (Imperial)
Factor-0.4 (Metric)
16mm: Average R Factor-1.90 (Imperial)
Factor-0.33 (Metric)

Fire resistance*

Class A: Flame spread 25 or under ASTM E84
A2 grade: China standard
Class O: Britain standard BS476 part 6&7

ASTM E1264 classification
Type III, Form 2, Pattern EG

Color

Color: white

Recycled materials

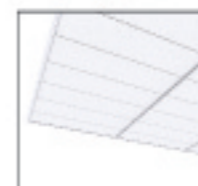


72%

Selective color



Recommended system



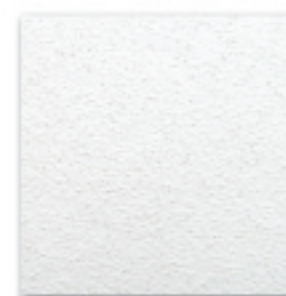
ILLUMESCAPES



ILLUMESPACE



ILLUMESKY



NEW
PRODUCT

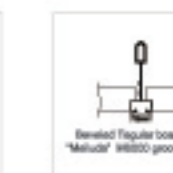
PEAKVIEW Ultra

provides a strengthened sand texture surface.

PEAKVIEW performance standard (16mm)



Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
PEAKVIEW square edge	4672	300x1200x16mm
	4674	400x1200x16mm
	4772	300x1200x19mm
	4774	400x1200x19mm
PEAKVIEW beveled tegular edge	4675	300x1200x16mm
	4685	400x1200x16mm
	4775	300x1200x19mm
	4785	400x1200x19mm
PEAKVIEW angled tegular edge	4682	300x1200x16mm
	4684	400x1200x16mm
	4782	300x1200x19mm
	4784	400x1200x19mm
PEAKVIEW open-type concealed edge	4892	300x1200x19mm
	4895	300x1500x19mm
	4898	300x1800x19mm
	4821	300x2100x19mm
	4824	300x2400x19mm
PEAKVIEW open-type concealed edge	4852	400x1200x19mm
	4854	400x1500x19mm
	4858	400x1800x19mm
	4891	400x2100x19mm
	4894	400x2400x19mm
	4896	600x1200x19mm

*If you need other dimensions please contact Mellida sales engineer

PEAKVIEW performance standard (19mm)



SNOWFLAKE



Classic fine surface



SNOWFLAKE

Features

- Stereoscopic surface treatment makes the ceiling more natural and graceful.
- Non-directional pattern makes it easy to install.
- High light reflectance
- Good sound absorption

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.60-4.80 kg/m ² 0.74-0.98 lbs/5F	Insulation value 18mm:Average R Factor-2.20(mperial) Factor-0.39(Metric) 16mm:Average R Factor-1.70(mperial) Factor-0.30(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade:China standard Class 0: Britain standard BS476 part6&7	
ASTM E1264 classification Type III, Form 2, Pattern CE	
*If Az (China standard) products are needed, please contact Melinda sales engineer	

Color

Color:white Recycled materials

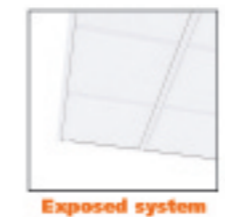


50%

Selective color



Recommended system



Exposed system

Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
SNOWFLAKE square edge	5101	24x24x7/11"
	5101M	600x600x18mm
	5102	24x48x7/11"
	5102M	600x1200x18mm
SNOWFLAKE beveled tegular edge	5103	24x24x7/11"
	5103M	600x600x18mm
	5104	24x48x7/11"
	5104M	600x1200x18mm
SNOWFLAKE angled tegular edge	5105	24x24x7/11"
	5105M	600x600x18mm
	5106	24x48x7/11"
	5106M	600x1200x18mm
SNOWFLAKE square edge	5107	24x24x7/10"
	5107M	600x600x18mm
	5108	24x48x7/10"
	5108M	600x1200x18mm
SNOWFLAKE beveled tegular edge	5109	24x24x7/10"
	5109M	600x600x18mm
	5110	24x48x7/10"
	5110M	600x1200x18mm
SNOWFLAKE angled tegular edge	5111	24x24x7/10"
	5111M	600x600x18mm
	5112	24x48x7/10"
	5112M	600x1200x18mm

*If you need other dimensions please contact Melinda sales engineer

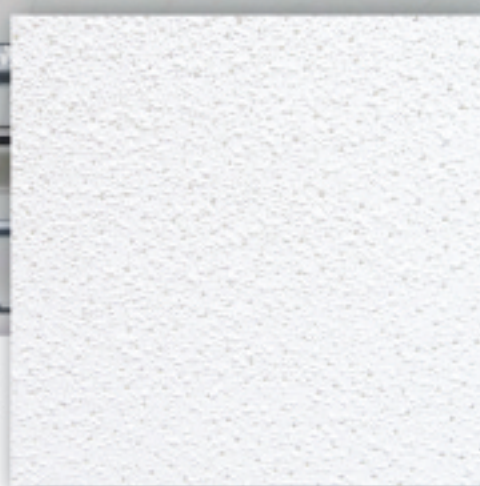
SNOWFLAKE performance standard(16mm)



SNOWFLAKE performance standard(18mm)



SNOWFLAKE



SNOWFLAKE PLANKS

Features

- Stereoscopic surface treatment makes the ceiling more natural and graceful.
- Non-directional pattern makes it easy to install.
- High light reflectance
- Good sound absorption

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.60-4.80 kg/m ² 0.74-0.98 lbs/5F	Insulation value 18mm:Average R Factor-2.20(Imperial) Factor-0.39(Metric) 16mm:Average R Factor-1.70(Imperial) Factor-0.3(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade:China standard Class 0: Britain standard BS476 part6&7	
ASTM E1264 classification Type III, Form 2, Pattern CE	

*If A2 (China standard) products are needed, please contact Melidua sales engineer

Color

Color:white Recycled materials



50%

Selective color



Recommended system



Ceiling and T-grid

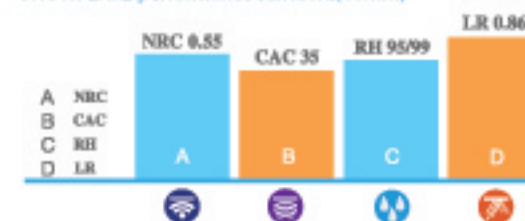


Visual standard

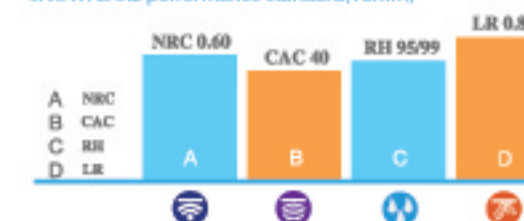
edge details	Item NO.	Dimension
SNOWFLAKE square edge	5113	300x1200x16mm
	5114	400x1200x16mm
SNOWFLAKE beveled tegular edge	5115	300x1200x16mm
	5116	400x1200x16mm
SNOWFLAKE angled tegular edge	5117	300x1200x16mm
	5118	400x1200x16mm
SNOWFLAKE open-type concealed edge	5119	300x1200x18mm
	5120	300x1500x18mm
	5121	300x1800x18mm
	5122	300x2100x18mm
	5123	300x2400x18mm
SNOWFLAKE open-type concealed edge	5124	400x1200x18mm
	5125	400x1500x18mm
	5126	400x1800x18mm
	5127	400x2100x18mm
	5128	400x2400x18mm
	5129	600x1200x18mm

*If you need other dimensions please contact Melidua sales engineer

SNOWFLAKE performance standard(16mm)



SNOWFLAKE performance standard(18mm)



SNOWFLAKE PINHOLE



SNOWFLAKE PINHOLE

Features

- Stereoscopic surface treatment makes the ceiling more natural and graceful.
- Non-directional pattern makes it easy to install.
- High light reflectance
- Good sound absorption

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.60-4.80 kg/m ² 0.74-0.98 lbs/SF	Insulation value 18mm: Average R Factor-2.2(Imperial) Factor-0.39(Metric) 16mm: Average R Factor-1.7(Imperial) Factor-0.3(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade: China standard Class 0: Britain standard BS476 part6&7	
ASTM E1264 classification Type III, Form 2, Pattern CE	

Color

Color: white Recycled materials



50%

Selective color



Recommended system



Exposed system

Ceiling and T-grid

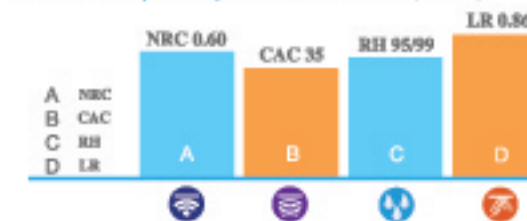


Visual standard

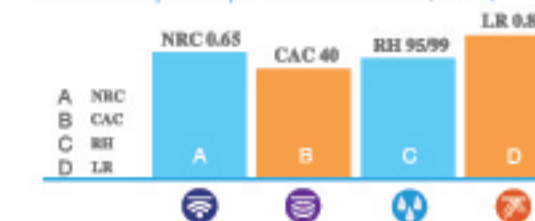
edge details	Item NO.	Dimension
SNOWFLAKE PINHOLE square edge 	5130	24x24x7/11"
	5130M	600x600x16mm
	5131	24x48x7/11"
SNOWFLAKE PINHOLE beveled tegular edge 	5132	24x24x7/11"
	5132M	600x600x16mm
	5133	24x48x7/11"
SNOWFLAKE PINHOLE angled tegular edge 	5134	24x24x7/11"
	5134M	600x600x16mm
	5135	24x48x7/11"
SNOWFLAKE PINHOLE square edge 	5136	24x24x7/10"
	5136M	600x600x18mm
	5137	24x48x7/10"
SNOWFLAKE PINHOLE beveled tegular edge 	5138	24x24x7/10"
	5138M	600x600x18mm
	5139	24x48x7/10"
SNOWFLAKE PINHOLE angled tegular edge 	5140	24x24x7/10"
	5140M	600x600x18mm
	5141	24x48x7/10"
	5141M	600x1200x18mm

*If you need other dimensions please contact Meluda sales engineer

SNOWFLAKE pinhole performance standard(16mm)



SNOWFLAKE pinhole performance standard(18mm)



SNOWFLAKE PINHOLE



Classic fine surface

Recommended area



SNOWFLAKE PINHOLE PLANKS



Features

- Stereoscopic surface treatment makes the ceiling more natural and graceful.
- Non-directional pattern makes it easy to install.
- High light reflectance
- Good sound absorption

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.60-4.80 kg/m ² 0.74-0.98 lbs/SF	Insulation value 18mm: Average R Factor-2.20 (Imperial) Factor-0.39 (Metric) 16mm: Average R Factor-1.70 (Imperial) Factor-0.31 (Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade: China standard Class 0: Britain standard BS476 part6&7	
ASTM E1264 classification Type III, Form 2, Pattern CE	

Color

Color: white Recycled materials



50%

Selective color



Recommended system



Ceiling and T-grid

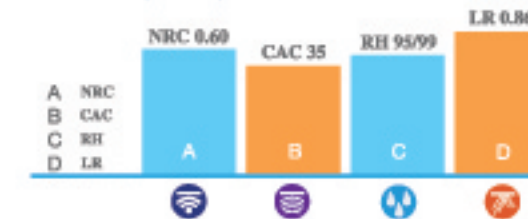


Visual standard

edge details	Item NO.	Dimension
SNOWFLAKE PINHOLE square edge	5142	300x1200x16mm
	5143	400x1200x16mm
SNOWFLAKE PINHOLE beveled tegular edge	5144	300x1200x16mm
	5145	400x1200x16mm
SNOWFLAKE PINHOLE angled tegular edge	5146	300x1200x16mm
	5147	400x1200x16mm
SNOWFLAKE PINHOLE open-type concealed edge	5148	300x1200x18mm
	5149	300x1500x18mm
	5150	300x1800x18mm
	5151	300x2100x18mm
	5152	300x2400x18mm
SNOWFLAKE PINHOLE open-type concealed edge	5153	400x1200x18mm
	5154	400x1500x18mm
	5155	400x1800x18mm
	5156	400x2100x18mm
	5157	400x2400x18mm
	5158	600x1200x18mm

*If you need other dimensions please contact Melkuda sales engineer

SNOWFLAKE pinhole performance standard(16mm)



SNOWFLAKE pinhole performance standard(18mm)



ELEGANT



ELEGANT

Recommended area



Features

- Outstanding sound absorption performance ceiling tile with graceful surface.
- Special acoustic tissue laminated provides stronger and more durable surface.
- Nondirectional pattern reduces installation time and scrap.
- Excellent fire-resistant performance.
- Asbestos free

Physical data

Raw materials
glass fiber laminated with acoustic tissue

Surface finish
Acrylic latex coating

Weight
1.70-2.64 kg/m²
0.35-0.54 lbs/SF

Insulation value
20mm/Average R Factor-4.0(mperia)
Factor-0.70(Metric)
15mm/Average R Factor-1.70(mperia)
Factor-0.30(Metric)

Fire resistance*
Class A: Flame spread 25 or under ASTM E84
A2 grade/China standard
Class 0: Britain standard BS476 part5&7

ASTM E1264 classification
Type III, Form 2, Pattern E

Color

Color:white Recycled materials

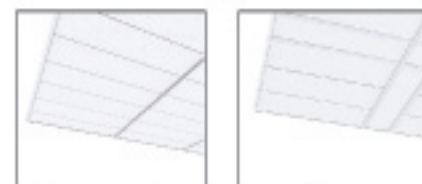


75%

Selective color



Recommended system



ILLUMSCAPIS



ILLUMSPACE



ILLUMSKY



Exposed system

Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
ELEGANT square edge 	6101	24x24x5/8"
	6101M	600x600x15mm
	6102	24x48x5/8"
	6102M	600x1200x15mm
ELEGANT beveled tegular edge 	6103	24x24x5/8"
	6103M	600x600x15mm
	6104	24x48x5/8"
	6104M	600x1200x15mm
ELEGANT angled tegular edge 	6105	24x24x5/8"
	6105M	600x600x15mm
	6106	24x48x5/8"
	6106M	600x1200x15mm
ELEGANT open-type concealed edge 	6107	300x1200x20mm
	6108	300x1500x20mm
	6109	300x1800x20mm
	6110	300x2100x20mm
	6111	300x2400x20mm
	6112	400x1200x20mm
ELEGANT open-type concealed edge 	6113	400x1500x20mm
	6114	400x1800x20mm
	6115	400x2100x20mm
	6116	400x2400x20mm
	6117	600x2400x20mm

*If you need other dimensions please contact Melkuda sales engineer

ELEGANT performance standard(15mm)



ELEGANT performance standard(20mm)



WINTERSUN



WINTERSUN

Features

- Economical panel with good performance.
- Non-directional pattern makes it easy to install.
- High light reflectance
- Good sound absorption
- Asbestos free

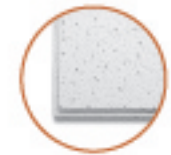
Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 2.80-3.10 kg/m ² 0.58-0.64 lbs/SF	Insulation value 14mm:Average R Factor-1.40(mperial) Factor-0.25(Metric) 12mm:Average R Factor-1.20(mperial) Factor-0.21(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade:China standard Class 0: Britain standard BS476 part5&7	
ASTM E1264 classification Type III, Form 2, Pattern CDE	

*If A2 (China standard) products are needed, please contact Meliduo sales engineer

Color

Color:white Recycled materials



40%

Selective color



Recommended system



Exposed system

Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
WINTERSUN square edge	302 302M	24x24x9/16" 600x600x14mm
WINTERSUN beveled regular edge	303 303M	24x24x9/16" 600x600x14mm
WINTERSUN angled regular edge	305 305M	24x24x9/16" 600x600x14mm
WINTERSUN square edge	306 306M	24x24x9/19" 600x600x12mm
WINTERSUN beveled regular edge	308 308M	24x24x9/19" 600x600x12mm
WINTERSUN angled regular edge	309 309M	24x24x9/19" 600x600x12mm

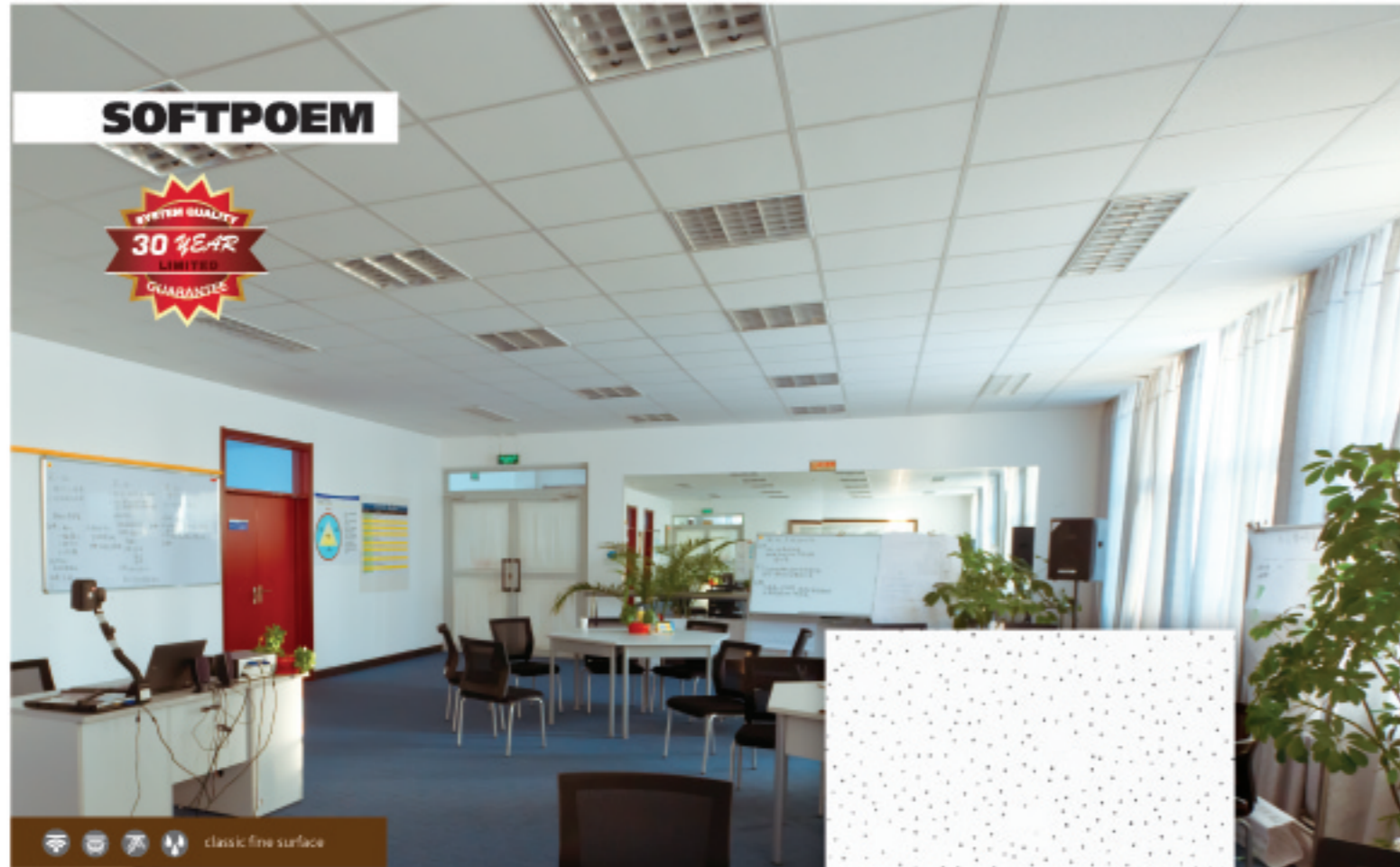
*If you need other dimensions please contact Meliduo sales engineer

WINTERSUN performance standard(12mm)



WINTERSUN performance standard(14mm)





SOFTPOEM

SYSTEM QUALITY
30 YEAR
WARRANTY
GUARANTEE

classic fine surface

Recommended area



SOFTPOEM

Features

- Fine surface with good sound absorption.
- Non-directional pattern makes it easy to install.
- Economical, easy to install & maintain.
- High light reflectance
- Asbestos free

Physical data

Raw materials
Wet-formed mineral fiber

Surface finish
Factory-applied vinyl latex paint

Weight

3.40-4.50 kg/m²
0.70-0.92 lbs/SF

Insulation value

18mm: Average R Factor-1.6(Imperial)
Factor-0.28(Metric)
15mm: Average R Factor-1.5(Imperial)
Factor-0.26(Metric)

Fire resistance*

Class A: Flame spread 25 or under ASTM E84
B grade China standard
Class O: Britain standard BS476 part6&7

ASTM E1264 classification

Type III, Form 2, Pattern CDE

*If A1 (China standard) products are needed, please contact Melibus sales engineer

Color

Color: white

Recycled materials

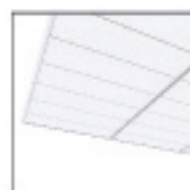


45%

Selective color



Recommended system



ILLUMESCAPES



ILLUMESPACE



ILLUMESKY



Exposed system

Ceiling and T-grid



Visual standard

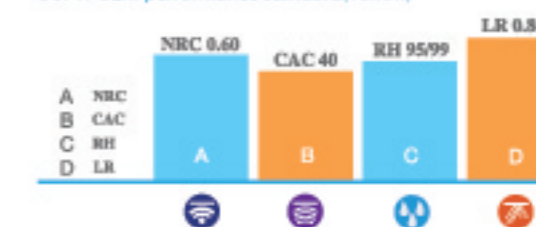
edge details	Item NO.	Dimension
SOFTPOEM square edge	1306	24x24x5/8"
	1306M	600x600x15mm
	1307	24x48x5/8"
	1307M	600x1200x15mm
SOFTPOEM beveled tegular edge	1308	24x24x5/8"
	1308M	600x600x15mm
	1309	24x48x5/8"
	1309M	600x1200x15mm
SOFTPOEM angled tegular edge	1310	24x24x5/8"
	1310M	600x600x15mm
	1312	24x48x5/8"
	1312M	600x1200x15mm
SOFTPOEM open-type concealed edge	1382	300x1200x18mm
	1385	300x1500x18mm
	1388	300x1800x18mm
	1391	300x2100x18mm
	1394	300x2400x18mm
SOFTPOEM open-type concealed edge	1482	400x1200x18mm
	1485	400x1500x18mm
	1488	400x1800x18mm
	1491	400x2100x18mm
	1494	400x2400x18mm
	1496	600x1200x18mm

*If you need other dimensions please contact Melibus sales engineer

SOFTPOEM performance standard(15mm)



SOFTPOEM performance standard(18mm)

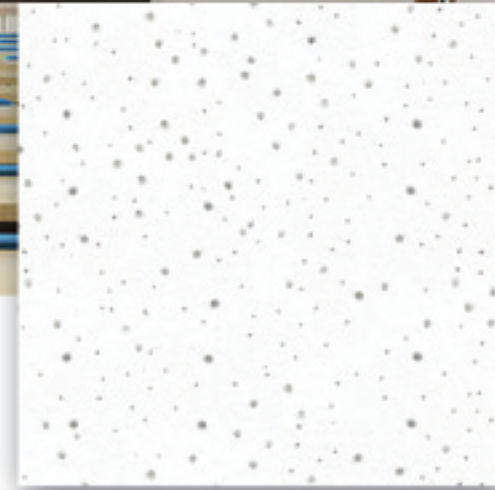




Recommended area



GREENCABIN



Features

- Fine surface with good sound absorption.
- Non-directional pattern makes it easy to install.
- Economical, easy to install & maintain.
- High light reflectance
- Asbestos free

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.40-4.50 kg/m ² 0.70-0.92 lbs/SF	Insulation value 18mm-Average R Factor-1.60 mperial) Factor-0.28(Metric) 15mm-Average R Factor-1.50 mperial) Factor-0.26(Metric)

Fire resistance*

Class A: Flame spread 25 or under ASTM E84
B grade: China standard
Class 0: Britain standard BS476 part 6&7

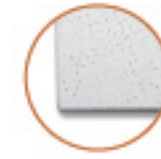
ASTM E1264 classification
Type III, Form 2, Pattern CDE

*If A1 (China standard) products are needed, please contact Meko's sales engineer

Color

Color:white

Recycled materials

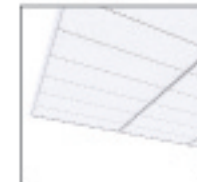


45%

Selective color



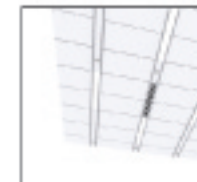
Recommended system



ILLUMESCAPES



ILLUMESPACE



ILLUMESKY



Exposed system

Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
GREENCABIN square edge	1606	24x24x5/8"
	1606M	600x600x15mm
	1607	24x48x5/8"
	1607M	600x1200x15mm
GREENCABIN beveled tegular edge	1608	24x24x5/8"
	1608M	600x600x15mm
	1609	24x48x5/8"
	1609M	600x1200x15mm
GREENCABIN angled tegular edge	1610	24x24x5/8"
	1610M	600x600x15mm
	1612	24x48x5/8"
	1612M	600x1200x15mm
GREENCABIN open-type concealed edge	1682	300x1200x18mm
	1685	300x1500x18mm
	1688	300x1800x18mm
	1691	300x2100x18mm
	1694	300x2400x18mm
GREENCABIN open-type concealed edge	1882	400x1200x18mm
	1885	400x1500x18mm
	1888	400x1800x18mm
	1891	400x2100x18mm
	1894	400x2400x18mm
	1896	600x1200x18mm

*If you need other dimensions please contact Meko's sales engineer

GREENCABIN performance standard(15mm)



GREENCABIN performance standard(18mm)





WINTERSNOW

SYSTEM QUALITY
30 YEAR
LIMITED
WARRANTY
GUARANTEE

classic fine surface

Recommended area



WINTERSNOW

Features

- Fine surface with good sound absorption.
- Non-directional pattern makes it easy to install.
- Economical, easy to install & maintain.
- High light reflectance
- Asbestos free

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.40-4.50 kg/m ² 0.70-0.92 lbs/SF	Insulation value 18mm: Average R Factor-1.5 [Imperial] Factor-0.28 [Metric] 15mm: Average R Factor-1.5 [Imperial] Factor-0.26 [Metric]

Fire resistance*
Class A: Flame spread 25 or under ASTM E84
B grade: China standard
Class 0: Britain standard BS476 part 6&7

ASTM E1264 classification
Type III, Form 2, Pattern CDE

*If A2 (China standard) products are needed, please contact Melidua sales engineer

Color

Color: white

Recycled materials



48%

Selective color



Recommended system



ILLUMESCAPES



ILLUMESPACE



ILLUMESKY



Exposed system

Ceiling and T-grid



Square Edge board with "Melidua" M1000 feet T-grid



Angled Tegular board with "Melidua" M1000 feet T-grid



Beveled Tegular board with "Melidua" M1000 feet T-grid



Beveled Tegular board with "Melidua" M1000 green T-grid

Visual standard

edge details	Item NO.	Dimension	
WINTERSNOW square edge 	1901 1901M	24x24x5/8" 600x600x15mm	
	1902 1902M	24x48x5/8" 600x1200x15mm	
	1903 1903M	24x24x5/8" 600x600x15mm	
WINTERSNOW beveled tegular edge 	1904 1904M	24x48x5/8" 600x1200x15mm	
	WINTERSNOW angled tegular edge 	1905 1905M	24x24x5/8" 600x600x15mm
		1906 1906M	24x48x5/8" 600x1200x15mm
WINTERSNOW open-type concealed edge 		1907 1908 1909 1910 1911	300x1200x18mm 300x1500x18mm 300x1800x18mm 300x2100x18mm 300x2400x18mm
	WINTERSNOW open-type concealed edge 	1912 1913 1914 1915 1916 1917	400x1200x18mm 400x1500x18mm 400x1800x18mm 400x2100x18mm 400x2400x18mm 600x1200x18mm

*If you need other dimensions please contact Melidua sales engineer

WINTERSNOW performance standard (15mm)



WINTERSNOW performance standard (18mm)



FITCASE



FITCASE

Recommended area



Features

- The most popular pattern with fine surface.
- Good sound absorption and reduce back ground noise & attenuation between rooms.
- Non-directional pattern makes it easy to install.
- Asbestos free

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.40-4.50 kg/m ² 0.70-0.92 lbs/SF	Insulation value 18mm:Average R Factor-2.20(mperial) Factor-0.39(Metric) 16mm:Average R Factor-1.80(mperial) Factor-0.32(Metric)

Fire resistance*
Class A: Flame spread 25 or under ASTM E84
B grade:China standard
Class O: Britain standard BS476 part6&7

ASTM E1264 classification
Type III, Form 2, Pattern CEK

*If a (China standard) products are needed, please contact Meliduo sales engineer



Color

Color:white Recycled materials



48%

Selective color



Recommended system



Ceiling and T-grid

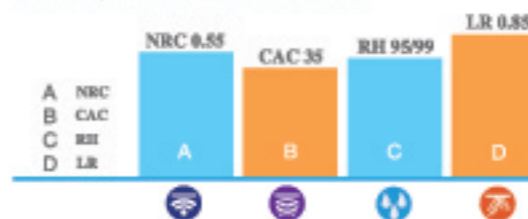


Visual standard

edge details	Item NO.	Dimension
FITCASE square edge 	2308	24x24x7/11"
	2306M	600x600x16mm
FITCASE beveled tegular edge 	2307	24x48x7/11"
	2307M	600x1200x16mm
FITCASE beveled tegular edge 	2308	24x24x7/11"
	2308M	600x600x16mm
	2309	24x48x7/11"
	2309M	600x1200x16mm
FITCASE angled tegular edge 	2310	24x24x7/11"
	2310M	600x600x16mm
	2312	24x48x7/11"
	2312M	600x1200x16mm
FITCASE square edge 	2326	24x24x7/10"
	2326M	600x600x18mm
	2327	24x48x7/10"
	2327M	600x1200x18mm
FITCASE beveled tegular edge 	2328	24x24x7/10"
	2328M	600x600x18mm
	2329	24x48x7/10"
	2329M	600x1200x18mm
FITCASE angled tegular edge 	2330	24x24x7/10"
	2330M	600x600x18mm
	2331	24x48x7/10"
	2331M	600x1200x18mm

*If you need other dimensions please contact Meliduo sales engineer

FITCASE performance standard(16mm)



FITCASE performance standard(18mm)



FITCASE



FITCASE PLANKS



Recommended area



Features

- The most popular pattern with fine surface.
- Good sound absorption and reduce back ground noise & attenuation between rooms.
- Non-directional pattern makes it easy to install.
- Asbestos free

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.40-4.50 kg/m ² 0.70-0.92 lbs/SF	Insulation value 18mm:Average R Factor-2.20(mperial) Factor-0.39(Metric) 16mm:Average R Factor-1.80(mperial) Factor-0.32(Metric)

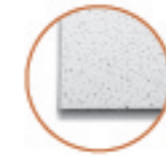
Fire resistance*
Class A: Flame spread 25 or under ASTM E84
B grade: China standard
Class 0: Britain standard BS476 part 6&7

ASTM E1264 classification
Type III, Form 2, Pattern CEK

*If A2 (China standard) products are needed, please contact Melkudo sales engineer

Color

Color: white Recycled materials



48%

Selective color



Recommended system



Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
FITCASE square edge 	2332	300x1200x16mm
	2342	400x1200x16mm
FITCASE beveled tegular edge 	2335	300x1200x16mm
	2345	400x1200x16mm
FITCASE angled tegular edge 	2336	300x1200x16mm
	2346	400x1200x16mm
FITCASE open-type concealed edge 	2382	300x1200x18mm
	2385	300x1500x18mm
	2388	300x1800x18mm
	2391	300x2100x18mm
	2394	300x2400x18mm
FITCASE open-type concealed edge 	2482	400x1200x18mm
	2485	400x1500x18mm
	2488	400x1800x18mm
	2491	400x2100x18mm
	2494	400x2400x18mm
	2496	600x1200x18mm

*If you need other dimensions please contact Melkudo sales engineer

FITCASE performance standard(16mm)



FITCASE performance standard(18mm)



QUIETAIR



classic fine surface

Recommended area



QUIETAIR



Features

- Fine surface with good sound absorption.
- Non-directional pattern makes it easy to install.
- Economical, easy to install & maintain.
- High light reflectance
- Asbestos free

Physical data

Raw materials Wat-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.40-4.50 kg/m ² 0.70-0.92 lbs/5F	Insulation value 18mm:Average R Factor=1.6(Imperial) Factor=0.28(Metric) 15mm:Average R Factor=1.5(Imperial) Factor=0.26(Metric)

Fire resistance*

Class A: Flame spread 25 or under ASTM E84
B grade: China standard
Class 0: Britain standard BS 476 part 6&7

ASTM E1264 classification

Type III, Form 2, Pattern CDE

*If a China standard product is needed, please contact Melidua sales engineer

Color

Color:white

Recycled materials

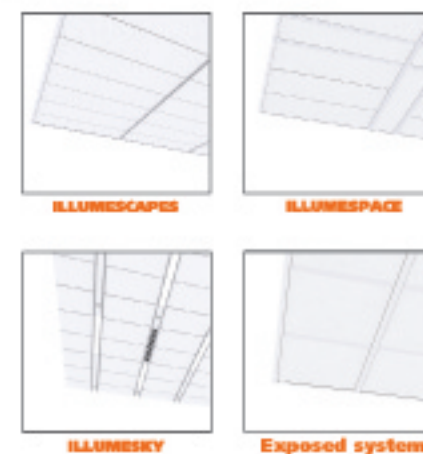


48%

Selective color



Recommended system



Ceiling and T-grid



Visual standard

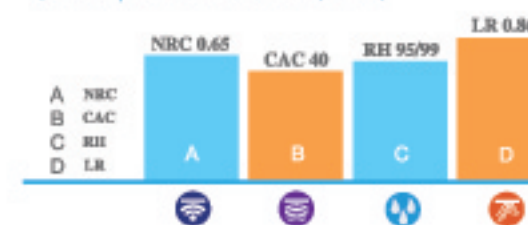
edge details	Item NO.	Dimension
QUIETAIR square edge 	3352	24x24x5/8"
	3352M	600x600x15mm
	3357	24x48x5/8"
	3357M	600x1200x15mm
QUIETAIR beveled tegular edge 	3358	24x24x5/8"
	3358M	600x600x15mm
	3359	24x48x5/8"
	3359M	600x1200x15mm
QUIETAIR angled tegular edge 	3360	24x24x5/8"
	3360M	600x600x15mm
	3362	24x48x5/8"
	3362M	600x1200x15mm
QUIETAIR open-type concealed edge 	3392	300x1200x18mm
	3395	300x1500x18mm
	3398	300x1800x18mm
	3521	300x2100x18mm
	3524	300x2400x18mm
	QUIETAIR open-type concealed edge 	3552
3554		400x1500x18mm
3558		400x1800x18mm
3591		400x2100x18mm
3594		400x2400x18mm
3596		600x1200x18mm

*If you need other dimensions please contact Melidua sales engineer

QUIETAIR performance standard(15mm)

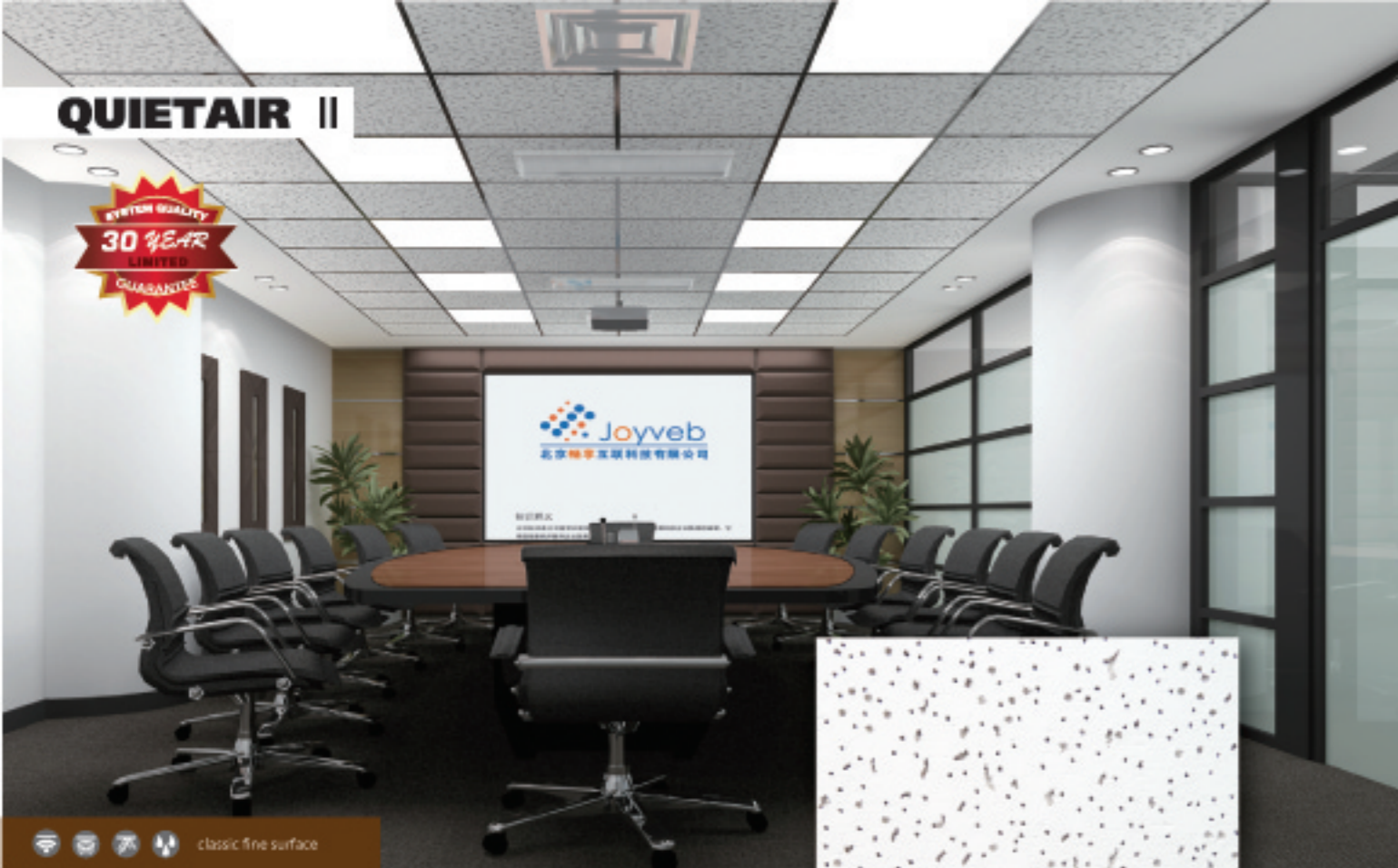


QUIETAIR performance standard(18mm)



QUIETAIR II

SYSTEM QUALITY
30 YEAR
LIMITED
WARRANTY
GUARANTEE



Recommended area



QUIETAIR II

Features

- Fine surface with good sound absorption.
- Non-directional pattern makes it easy to install.
- Economical, easy to install & maintain.
- High light reflectance
- Asbestos free

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 3.40-4.50 kg/m ² 0.70-0.92 lbs/SF	Insulation value 18mm: Average R Factor-1.60 (metric) Factor-0.28 (Metric) 15mm: Average R Factor-1.50 (metric) Factor-0.26 (Metric)

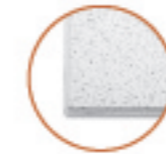
Fire resistance*
Class A: Flame spread 25 or under ASTM E84
B grade: China standard
Class 0: Britain standard BS476 part 6&7

ASTM E1264 classification
Type III, Form 2, Pattern CDE

*If A (China standard) products are needed, please contact Melidua sales engineer

Color

Color: white Recycled materials



48%

Selective color



Recommended system



Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension	
QUIETAIR square edge 	3701	24x24x5/8"	
	3701M	600x600x15mm	
	3702	24x48x5/8"	
	3702M	600x1200x15mm	
QUIETAIR beveled tegular edge 	3703	24x24x5/8"	
	3703M	600x600x15mm	
	3704	24x48x5/8"	
	3704M	600x1200x15mm	
QUIETAIR angled tegular edge 	3705	24x24x5/8"	
	3705M	600x600x15mm	
	3706	24x48x5/8"	
	3706M	600x1200x15mm	
	QUIETAIR open-type concealed edge 	3707	300x1200x18mm
		3708	300x1500x18mm
3709		300x1800x18mm	
3710		300x2100x18mm	
3711		300x2400x18mm	
QUIETAIR open-type concealed edge 	3712	400x1200x18mm	
	3713	400x1500x18mm	
	3714	400x1800x18mm	
	3715	400x2100x18mm	
	3716	400x2400x18mm	
	3717	600x1200x18mm	

*If you need other dimensions please contact Melidua sales engineer

QUIETAIR II performance standard(15mm)



QUIETAIR II performance standard(18mm)



INBREEZE



classic fine surface

Recommended area



INBREEZE

Features

- Fine surface with good sound absorption.
- Non-directional pattern makes it easy to install.
- Economical, easy to install & maintain.
- High light reflectance
- Asbestos free

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 2.80 kg/m ² 0.58 lbs/SF	Insulation value 12mm-Average R Factor-1.2(Imperial) Factor-0.21(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade: China standard Class 0: Britain standard BS476 part6&7	
ASTM E1264 classification Type III, Form 2, Pattern CDE	

*If A2 (China standard) products are needed, please contact Melinda sales engineer

Color

Color: white Recycled materials



40%

Selective color



Recommended system



Exposed system

Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
INBREEZE square edge 	312 312M	24x24x9/19" 600x600x12mm
INBREEZE beveled tegular edge 	313 313M	24x24x9/19" 600x600x12mm
INBREEZE angled tegular edge 	315 315M	24x24x9/19" 600x600x12mm

*If you need other dimensions please contact Melinda sales engineer

INBREEZE performance standard(12mm)



NEBULA ADHESIVE PLANKS



classic adhesive ceiling

Recommended area



NEBULA ADHESIVE PLANKS

Features

- Dignified sense of wholeness provides outstanding visual effect.
- System makes the physical performance of the tiles more steady and durable.
- Excellent gas tightness ability makes good heat insulation and save more energy.
- Excellent fire-proof performance.
- Asbestos free

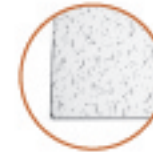
Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 2.50 kg/m ² 0.51 lbs/SF	Insulation value 9mm:Average R Factor-1.4(imperial) Factor-0.25(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 A2 grade:China standard Class 0: Britain standard BS476 part6&7	
ASTM E1264 classification Type III, Form 2, Pattern CDE	
*If A2 (China standard) products are needed, please contact Melidus sales engineer	

Color

Color:white

Recycled materials



Plain

40-65%

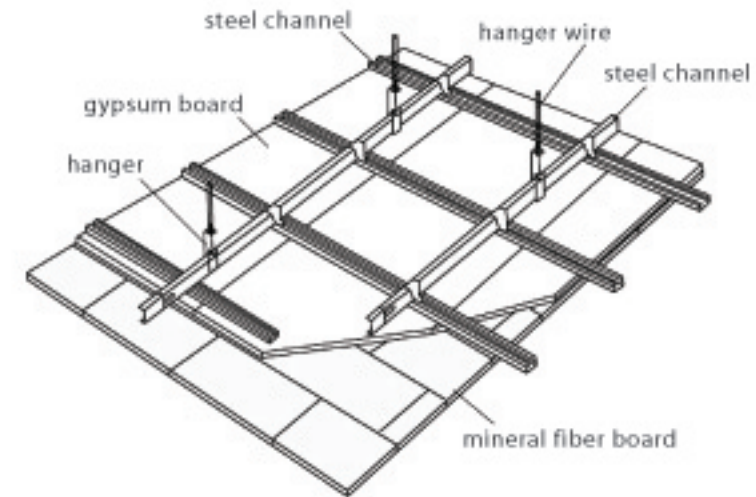
Visual standard

edge details	Item NO.	Dimension
NEBULA ADHESIVE PLANKS Plain		
	7109	300x600x9mm

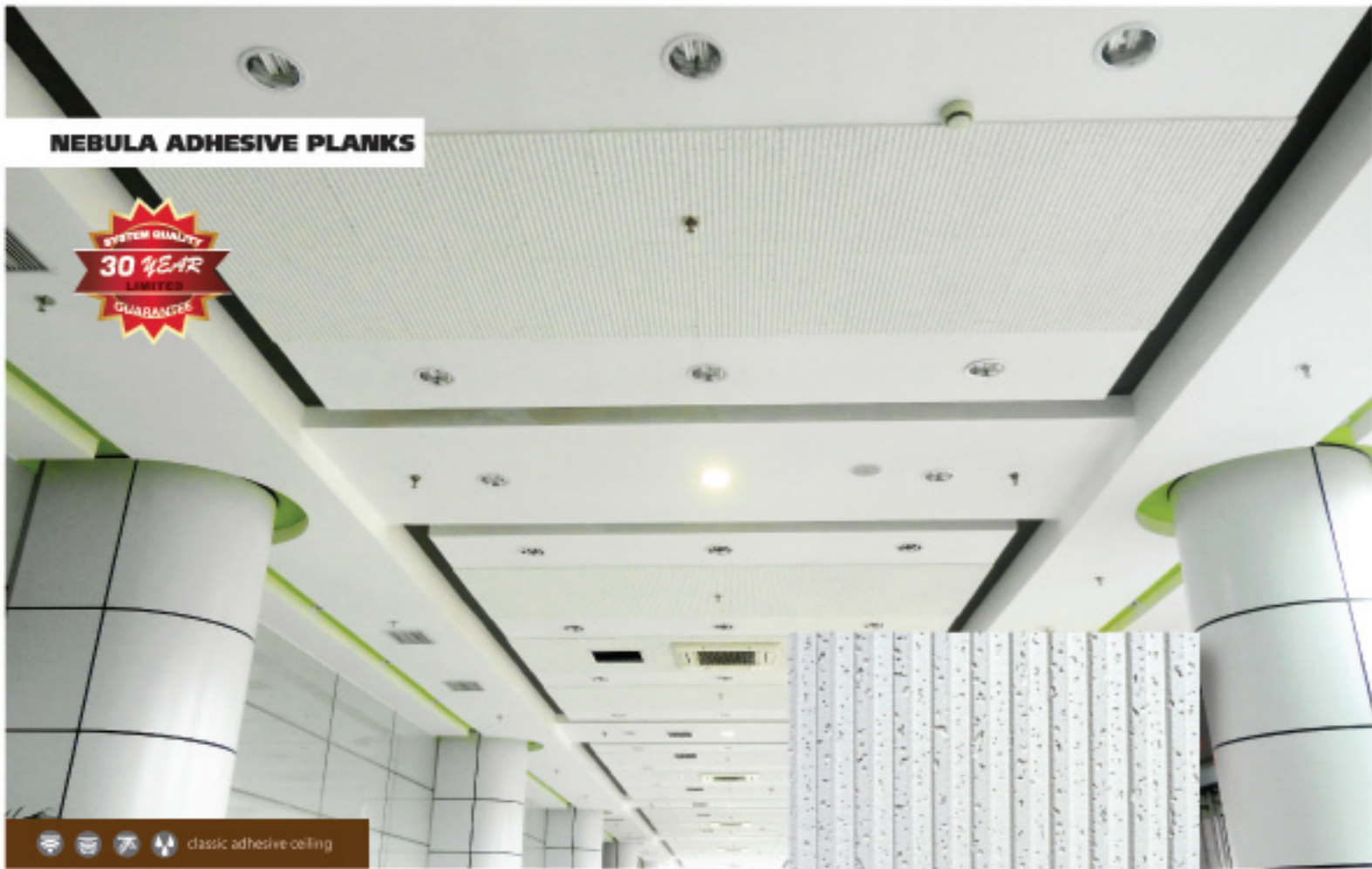
NEBULA performance standard



Installation Instruction



NEBULA ADHESIVE PLANKS



classic adhesive ceiling

Recommended area



NEBULA ADHESIVE PLANKS



Features

- Dignified sense of wholeness provides outstanding visual effect.
- System makes the physical performance of the tiles more steady and durable.
- Excellent gas tightness ability makes good heat insulation and save more energy.
- Excellent fire-proof performance.
- Asbestos free

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 2.80-3.50 kg/m ² 0.58-0.72 lbs/SF	Insulation value 15mm-Average R Factor-1.9(Imperial) Factor-0.33(Metric) 12mm-Average R Factor-1.50(Imperial) Factor-0.26(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 A2 grade China standard Class 0: Britain standard BS476 part6&7	
ASTM E1264 classification Type III, Form 2, Pattern CDE	
*If A1 (China standard) products are needed, please contact Melidus sales engineer	

Color

Color:white

Recycled materials



40-65%

Plain

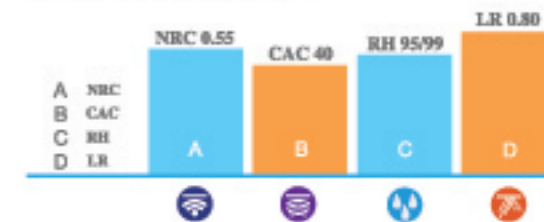
Groove

Mesh

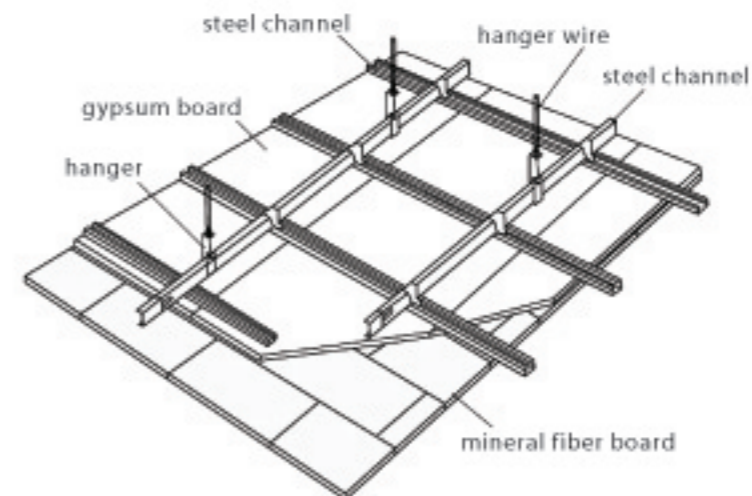
Visual standard

edge details	Item NO.	Dimension
	NEBULA ADHESIVE PLANKS Groove	
	7212	300x600x12mm 12 Grooves
	7512	300x600x15mm 12 Grooves
7518	300x600x15mm 15 Grooves	
	NEBULA ADHESIVE PLANKS Mesh	
	7616	300x600x15mm

NEBULA performance standard



Installation Instruction





Performance ceiling

Recommended area



Black panel



Features

- Black surface improves the light reflection condition and makes the visual feeling more comfortable especially in cinema and auditorium.
- Non-directional pattern makes it easy to install and saves time.
- Good sound absorption reduces the background noise.
- Excellent fire-resistance
- Asbestos free

Physical data

Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 4.80 kg/m ² 0.98 lbs/5F	Insulation value 18mm-Average R Factor-2.20(Imperial) Factor-0.390(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade: China standard Class 0: Britain standard BS476 part5&7	
ASTM E1264 classification Type III, Form 2, Pattern CDE	
*IFA (China standard) products are needed, please contact Melick sales engineer	

Color

Color:white

Recycled materials



48%

Recommended system



ILLUMESKY









Exposed system

Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
square edge 	8101	24x24x7/10"
	8101M	600x600x18mm
beveled tegular edge 	8102	24x48x7/10"
	8102M	600x1200x18mm
beveled tegular edge 	8103	24x24x7/10"
	8103M	600x600x18mm
angled tegular edge 	8104	24x48x7/10"
	8104M	600x1200x18mm
angled tegular edge 	8105	24x24x7/10"
	8105M	600x600x18mm
angled tegular edge 	8106	24x48x7/10"
	8106M	600x1200x18mm

*If you need other dimensions please contact Melick sales engineer

performance standard(18mm)



AFFLATUS



High sound absorption

Recommended area



AFFLATUS



Features

- Graceful deep and big perforation provide more acoustic ability.
- Different apertures ,shapes and arrangement of the holes make the design more flexible.
- Good heat insulation ability save more energy.
- High light reflection improves the efficiency of the lighting system.
- Asbestos free

Physical data

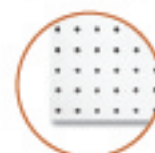
Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 4.80 kg/m ² 0.98 lbs/SF	Insulation value 18mm(Average R Factor-2.20 imperial) Factor-0.39(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade-China standard Class 0: Britain standard BS476 part6&7	
ASTM E1264 classification Type III, Form 2, Pattern CDE	

*If A2 (China standard) products are needed, please contact Melkua sales engineer

Color

Color:white

Recycled materials



48%

Selective color



Recommended system



ILLUMISKY



Exposed system

Ceiling and T-grid



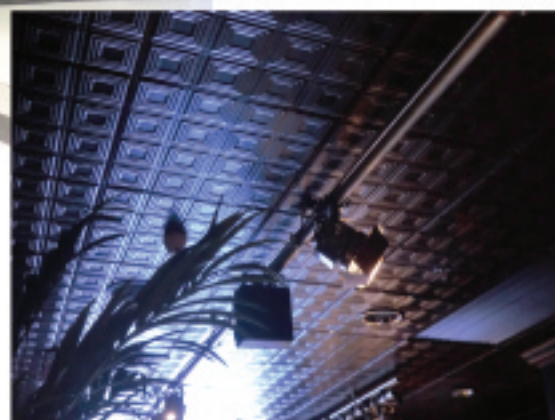
Visual standard

edge details	Item NO.	Dimension
AFFLATUS square edge 	8201	24x24x7/10"
	8201M	600x600x18mm
	8202	24x48x7/10"
	8202M	600x1200x18mm
AFFLATUS beveled tegular edge 	8203	24x24x7/10"
	8203M	600x600x18mm
	8204	24x48x7/10"
	8204M	600x1200x18mm
AFFLATUS angled tegular edge 	8205	24x24x7/10"
	8205M	600x600x18mm
	8206	24x48x7/10"
	8206M	600x1200x18mm

*If you need other dimensions please contact Melkua sales engineer

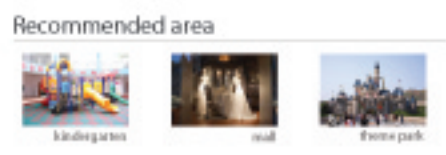
AFFLATUS performance standard(18mm)





INSPIATIC

Themes ceiling



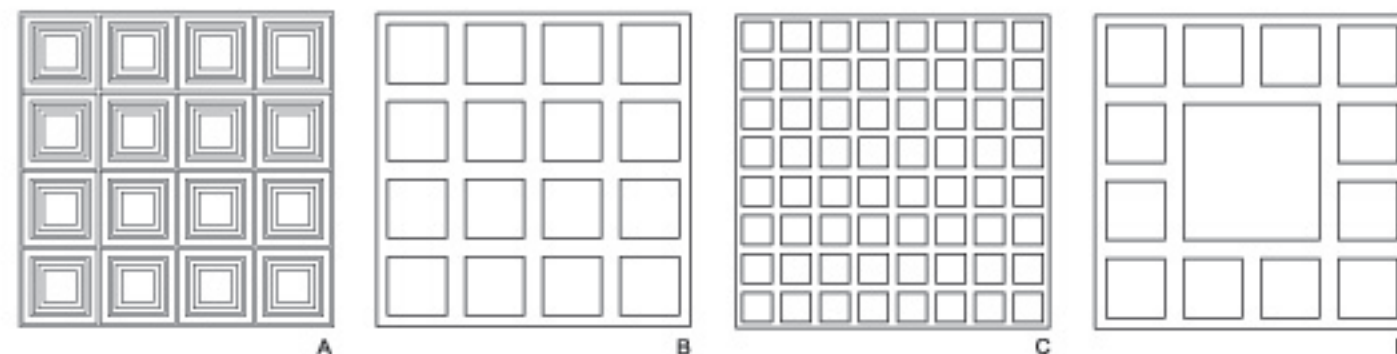
Features

- Various of changeable patterns can be designed and specified by architects, thus more flexible originality is provided.
- Different color is available, which makes the theme stand out.
- Good heat insulation ability save more energy.
- Good sound absorption.
- Asbestos free

Physical data

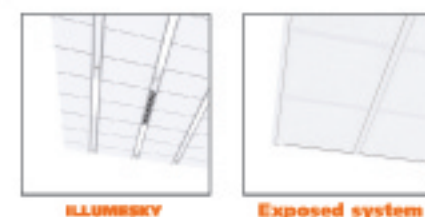
Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 4.80 kg/m ² 0.98 lbs/SF	Insulation value 18mm/Average R Factor-2.20(mperial) Factor-0.39(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade: China standard Class 0: Britain standard BS476 part 5&7	
ASTM E1264 classification Type III, Form 2, Pattern E1	
*If A2 (China standard) products are needed, please contact Melkida sales engineer	

Patterns



Patterns design can be customized according to architects' request

Recommended system



Ceiling and T-grid



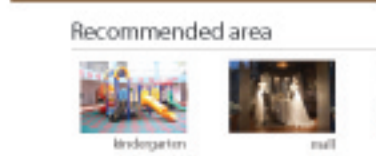
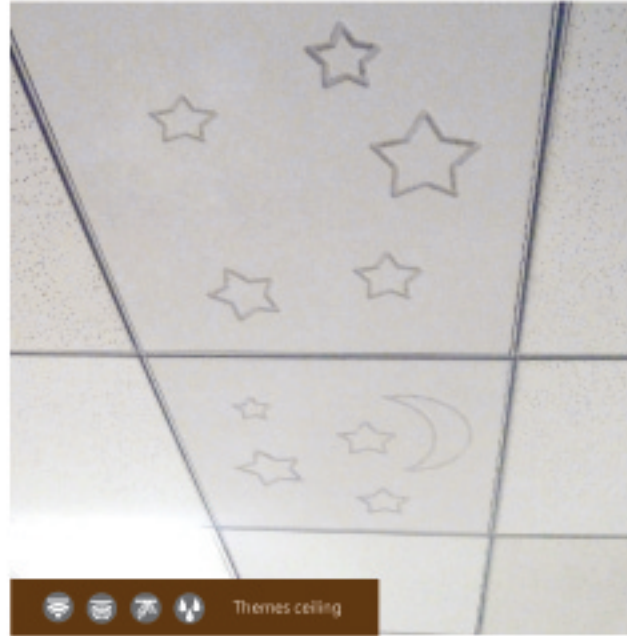
Visual standard

edge details	Item NO.	Dimension
INSPIATIC square edge 	8301 8301M	24x24x7/10" 600x600x18mm
	8302 8302M	24x48x7/10" 600x1200x18mm
INSPIATIC beveled tegular edge 	8303 8303M	24x24x7/10" 600x600x18mm
	8304 8304M	24x48x7/10" 600x1200x18mm
INSPIATIC angled tegular edge 	8305 8305M	24x24x7/10" 600x600x18mm
	8306 8306M	24x48x7/10" 600x1200x18mm

*If you need other dimensions please contact Melkida sales engineer

INSPIATIC performance standard(18mm)





INSPIRTIC

Features

- Various of changeable patterns can be designed and specified by architects, thus more flexible originality is provided.
- Different color is available, which makes the theme stand out.
- Good heat insulation ability save more energy.
- Good sound absorption.
- Asbestos free

Physical data

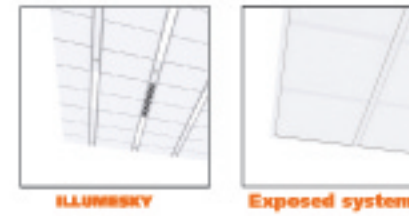
Raw materials Wet-formed mineral fiber	Surface finish Factory-applied vinyl latex paint
Weight 4.80 kg/m ² 0.98 lbs/SF	Insulation value 18mm: Average R Factor-2.20(mperial) Factor-0.39(Metric)
Fire resistance* Class A: Flame spread 25 or under ASTM E84 B grade: China standard Class 0: Britain standard BS476 part 6&7	
ASTM E1264 classification Type III, Form 2, Pattern E1	
*If A1 (China standard) products are needed, please contact Meiluda sales engineer	

Patterns



Patterns design can be customized according to architects' request

Recommended system



Ceiling and T-grid



Visual standard

edge details	Item NO.	Dimension
INSPIRTIC square edge 	8307	24x24x7/10"
	8307M	600x600x18mm
INSPIRTIC beveled tegular edge 	8308	24x48x7/10"
	8308M	600x1200x18mm
INSPIRTIC beveled tegular edge 	8309	24x24x7/10"
	8309M	600x600x18mm
INSPIRTIC angled tegular edge 	8310	24x48x7/10"
	8310M	600x1200x18mm
INSPIRTIC angled tegular edge 	8311	24x24x7/10"
	8311M	600x600x18mm
INSPIRTIC angled tegular edge 	8312	24x48x7/10"
	8312M	600x1200x18mm

*If you need other dimensions please contact Meiluda sales engineer

INSPIRTIC performance standard(18mm)





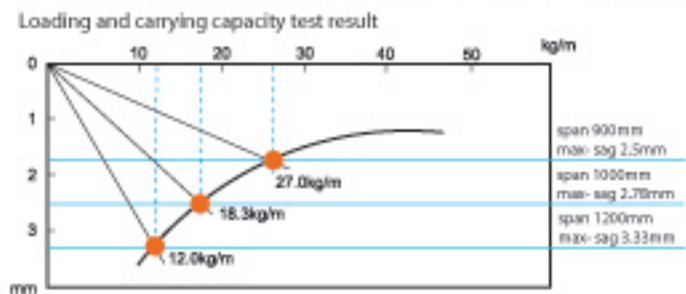
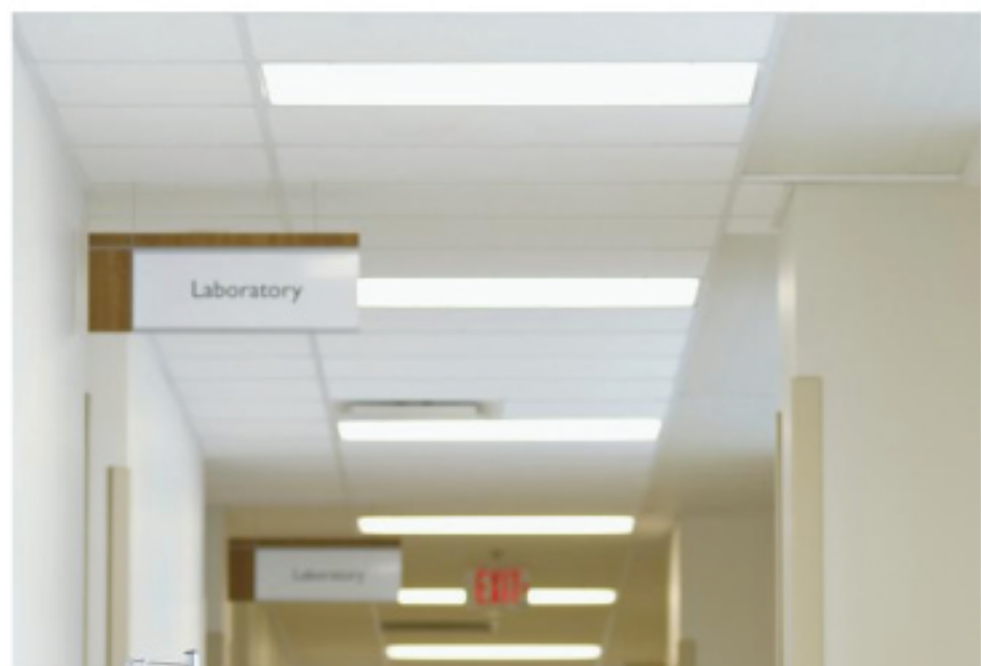
Feature

- Type
38H

- Color
Standard polished white color




- Materials
Double web, hot-dipped galvanized steel.

- Stitch type of steel is available for option



Specification

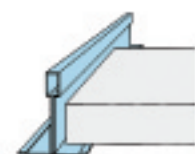


Sectional view	T-grid type	Dimension
 <p>MSB-38H T-grid</p>	Main T	38mmx24mmx3000mm
	Cross T	26mmX24mmX1200mm 26mmX24mmX 600mm
 <p>wall molding</p>	L shape	23mmx23mmx3000mm
 <p>W shape</p>		15mmx10mmx10mmx10mm

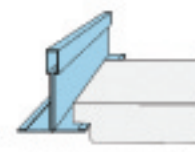
*If you need other dimensions please contact Melinda sales engineer



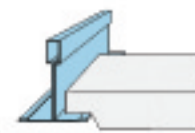
T-grid installation sectional view



square edge

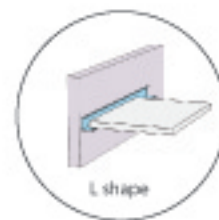


beveled tegular

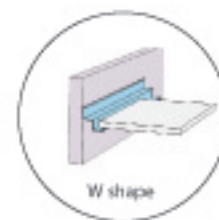


Angled tegular

wall angle installation sectional view



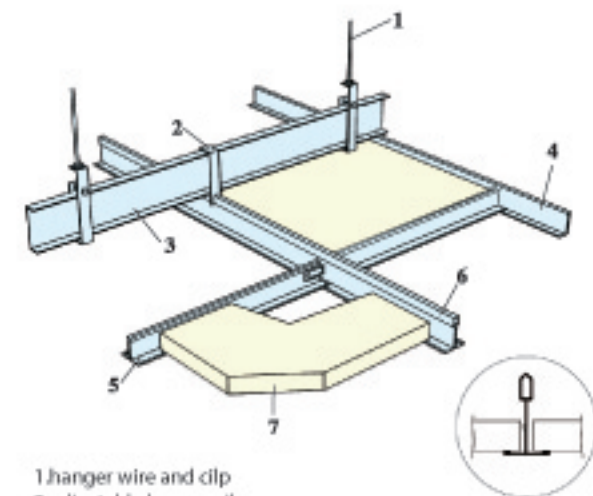
L shape



W shape

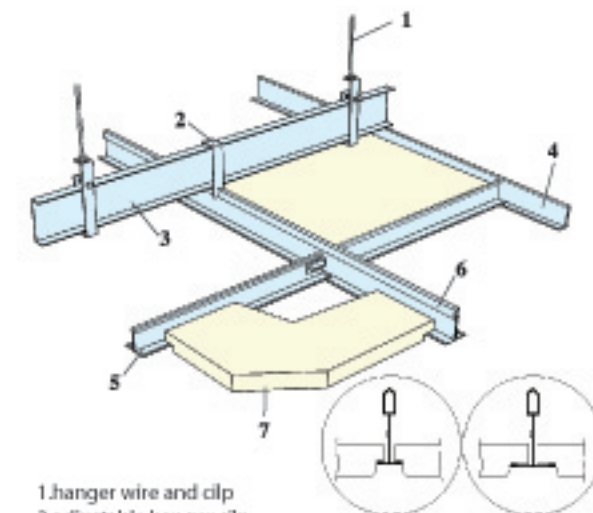
System installation instruction

Square



- 1.hanger wire and clip
- 2.adjustable hanger clip
- 3.carrying channel
- 4.wall molding
- 5.cross t-bar
- 6.main t-bar
- 7.square tile

Tegular



- 1.hanger wire and clip
- 2.adjustable hanger clip
- 3.carrying channel
- 4.wall molding
- 5.cross t-bar
- 6.main t-bar
- 7.tegular tile





Feature

Type

32H

Color

Standard polished white color

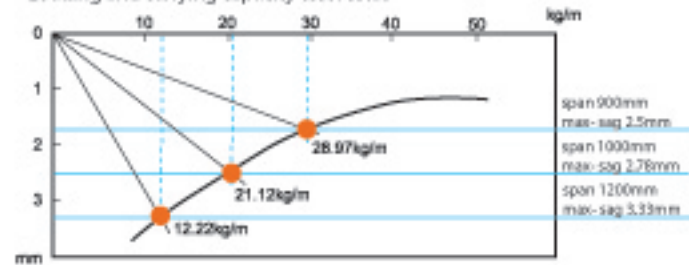
Materials

Double web, hot-dipped galvanized steel.

Slitch type of steel is available for option



Loading and carrying capacity test result



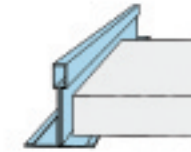
Specification

Sectional view	T-grid type	Dimension
	Main T	32mmx15mmx3000mm
	Cross T	32mmX15mmX1200mm 32mmX15mmX 600mm
	L shape	23mmx23mmx3000mm
	W shape	15mmx10mmx10mmx10mm

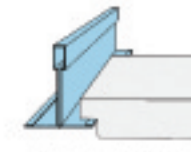
*If you need other dimension please contact Melaka sales engineer



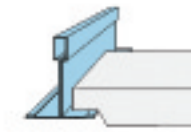
T-grid installation sectional view



square edge

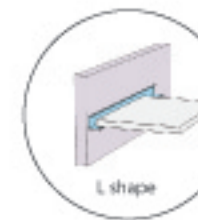


beveled tegular

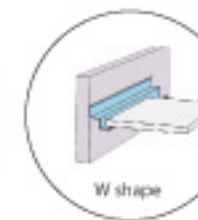


Angled tegular

wall angle installation sectional view



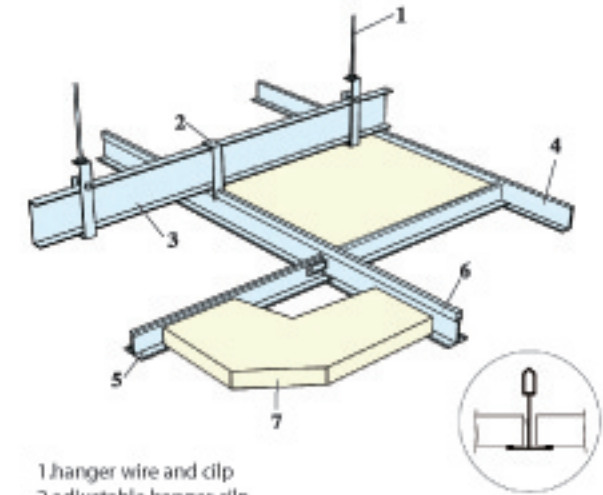
L shape



W shape

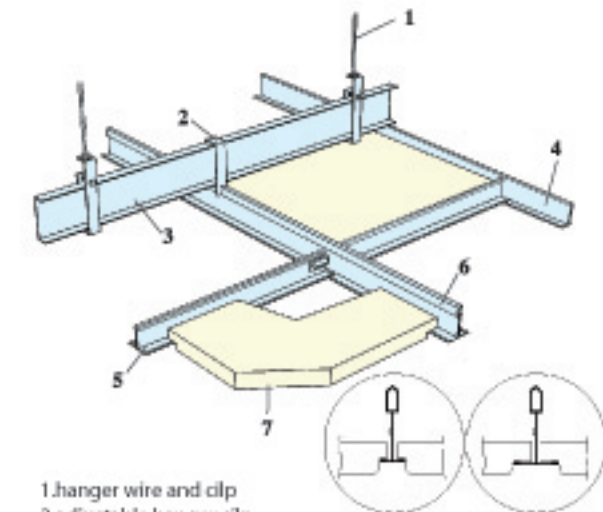
System installation instruction

Square



- 1.hanger wire and clip
- 2.adjustable hanger clip
- 3.carrying channel
- 4.wall molding
- 5.cross t-bar
- 6.main t-bar
- 7.square tile

Tegular



- 1.hanger wire and clip
- 2.adjustable hanger clip
- 3.carrying channel
- 4.wall molding
- 5.cross t-bar
- 6.main t-bar
- 7.tegular tile



PROJCT CASE

Shanghai Sixth People's Hospital
 Shanghai Metro Line 7
 Shanghai TAIPING LIFE
 Wuhan Boiler Group Co.,Ltd
 South Mall Metro Station
 Shanghai Automotive R&D Center
 Metro Building
 Dragon Dream Ascot Building
 Anhui Huishang Bank
 Shanghai Securities Building
 Anhui ERAL
 Industrial Bank, Nanjing Branch
 CITIC Pacific City
 COFCO Vanke
 Pudong New Area Government
 Shanghai Raffles City
 Hangzhou Dikai Ginza
 Baoshan Gymnasium
 Chifeng City Public Security Bureau Building
 Hangzhou Netcom Company
 Kenya Airport
 Nachi Fujio Jiangsu base
 Shanghai Tourist Distribution Center
 Tokyo Hitachi manufacturing center
 Malaysia Oval Damansara
 Nanjing branch of Chinese Academy of Sciences
 China Commercial Aircraft Research and Development Center
 Shanghai Xinzhuang Dragon Dream Shopping Mall

Shanghai Pearl Plaza
 Shanghai Yafan Business Building
 Xu Hui Square
 Pudong Zhendan Mansion
 Huashan hospital
 Ruijin Hospital
 China Mobile Yancheng branch company
 Zhangjiang IC building
 Central Plaza
 Shanghai Expo Center China Pavilion
 Yangpu University City
 Shanghai Hongkong Square
 Nantong rivers chemical
 Shanghai Huadong Normal University
 Shanghai Fudan University
 Sany
 ZhangJiang Building
 Wanda Studios
 Jiangdu electric power company
 Changsha Bosch
 Shanghai Hongkou Dragon Dream Shopping Mall
 Hangzhou West Development Building
 China Telecom Building
 Suzhou Lintec manufacturing center
 Forest League Park
 Malaysia Monoland Corporation Sdn Bhd SOHO at Jln Perak, KL
 Malaysia Monoland Corporation Sdn Bhd Oval Damansara, Petaling Jaya
 Japan's Shizuoka TBU Toyota automobile manufacturing center

