

ИНФОРМАЦИЯ

MECEN IPC Co., Ltd. (Республика Корея)

MECEN IPC Co., Ltd. предлагает проект строительства завода по производству сшитого вспененного полиэтилена на территории Сахалинской области.

Условия участия данной компании заключаются в предоставлении технического опыта, знаний и опыта в области сбыта; участии в акционерном капитале и управлении совместным предприятием. Одним из возможных вариантов объединенной деятельности рассматривается создание совместного предприятия с большей долей участия российского партнера.

Общая стоимость проекта составляет приблизительно 3,5 млн. долларов США, и предполагается финансирование российской стороной не менее 70% (условия аккредитования согласно политике российских банков).

На начальном этапе сбыта MECEN IPC Co., Ltd. предлагает реализацию готовой продукции на территории Сахалинской области.

Polyethylene Foam

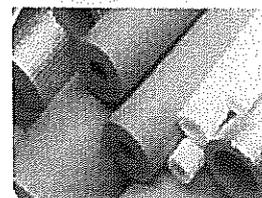
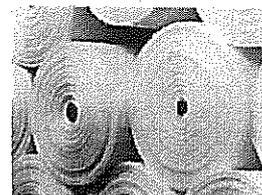
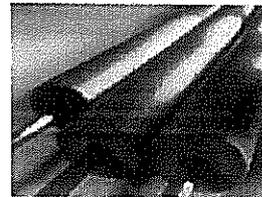
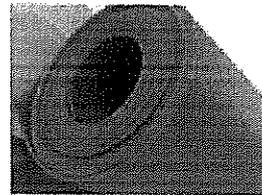
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JUMBOLON®

JUMBOLON® is XLPE foam, made by 15 ~ 40 times thermo-chemical expansion of low density polyethylene resin. Thanks to its outstanding properties for heat insulation, water proofing, shock absorbing, flexibility, chemical resistance, is widely used in construction, insulation and other sundry field.

JUMBOLON®'s Features

-  Excellent thermal insulation
-  Perfect water proofing
-  Recyclable
-  No hazard to health
-  Non-toxic and environmental friendly
-  Outstanding sound tight
-  Excellent flexibility and shock absorbing
-  Easy to install & convert
-  Fire retardant grade



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Characteristic comparison

JUMBOLON® has many advantages in its efficiency and price comparing to other materials for similar purpose.

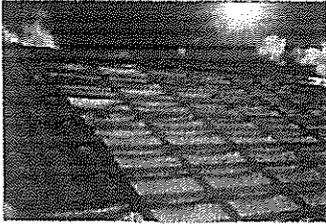
| No | Description | Unit | JUMBOLON® | Rock Wool | Glass Wool |
|----|------------------------|--------------------|-----------|-----------|------------|
| 1 | Thermal Conductivity | kcal/m.hr °C | 0.0297 | 0.031 | 0.031 |
| 2 | Water Absorption | mg/cm ² | 0.03 | 0.5 | 0.2 |
| 3 | Environmental Friendly | - | Non-toxic | Toxic | Toxic |
| 4 | Lifespan | years | 40-50 | 6-7 | 6-7 |
| 5 | Installation Cost | - | low | high | high |
| 6 | Recyclable | - | yes | no | no |

Product Range

| Type | Specification |
|-------|--|
| Sheet | Thickness : 3mm ~ 15mm, Width : 600 ~ 1500mm (up to Thickness 100mm by Sheet laminating) |
| Pipe | Outer diameter : 20mm ~ 150mm (Small Size) |
| | Outer diameter : 150mm ~ 300mm (Big Size) |

Building & Civil Engineering

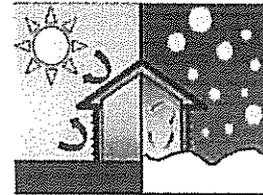
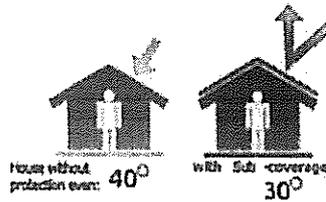
Roofing insulation



JUMBOLON® roofing materials provide you with many advantages in efficiency and cost thanks to its outstanding features such as excellent thermal insulation effect, perfect water proofing, easy to handle, no harmful effect to human and environment.

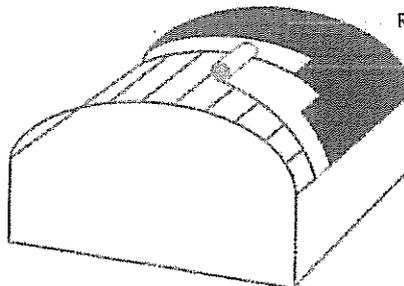
Benefits

- Excellent solar heat insulation
- Perfect rainfall proofing
- Low installation cost
- Light weight, easy to cut and apply
- No particle loss
- Long lifespan
- Human & Eco friendly
- Fire retardant grade



Proposed products

- Product Type : Sheet, Aluminum film laminated sheet
 - Thickness : 3 mm ~ 20 mm
 - Width : 0.8 m ~ 1.2 m
- (Adjustable according to specific requirements of customers)



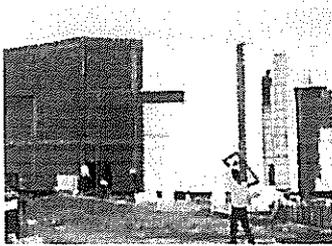
Roof Tiles

JUMBOLON® roofing materials



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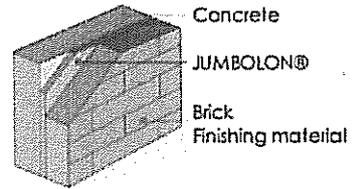
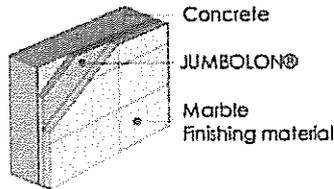
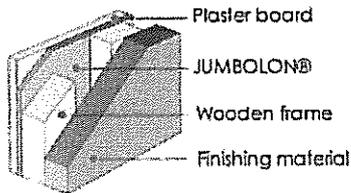
Wall insulation



JUMBOLON® wall insulation materials provide you with many advantages in efficiency and cost thanks to its outstanding features such as excellent thermal insulation effect, perfect water proofing, easy to handle, no harmful effect to human and environment.

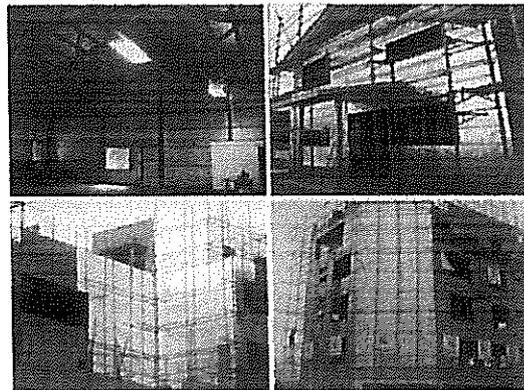
Proposed products

- Product : Sheet, Aluminum film laminated sheet
 - Thickness : 3 mm ~ 20 mm
 - Width : 0.8 m ~ 1.2 m
- (Adjustable according to specific requirements of customers)



Benefits

- Excellent heat insulation
- Perfect water proofing
- Outstanding sound absorbing
- Low installation cost
- Light weight, easy to cut and apply
- No particle loss
- Long lifespan
- Human & Eco friendly
- Fire retardant grade

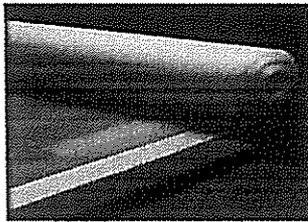


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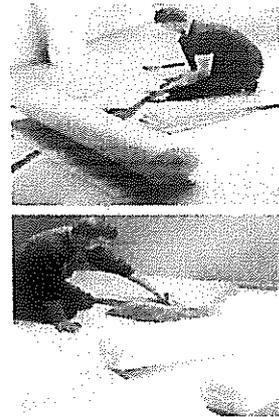
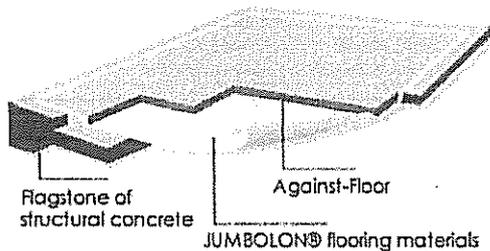
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Sound proof-underflooring



JUMBOLON® is widely used as flooring insulation material thanks to its excellent insulation effect, excellent flexibility and longer lifespan as well as sound proofing and water proofing effect comparing to other competitive materials.

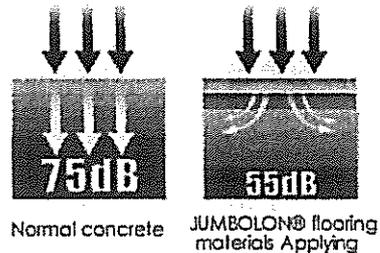


Proposed products

- Product Type : Sheet, Doubled sheet, Aluminum film laminated sheet
- Thickness : 5 mm ~ 50 mm
- Width : 0.8 m ~ 1.2 m
(Adjustable according to specific requirements of customers)

Benefits

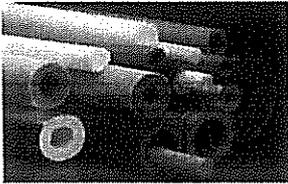
- Excellent heat insulation
- Perfect water proofing
- Outstanding sound absorbing
- Low installation cost
- Light weight, easy to cut and apply
- No particle loss
- Long lifespan
- Human & Eco friendly
- Fire retardant grade



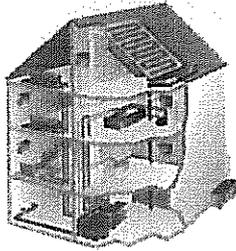
Sound transmission comparison

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Airconditioning & Duct insulation



JUMBOLON® is ideal insulation material for air-conditioning and refrigeration pipe and ductwork reduces condensation, conserves energy and is fire retardant. Also, it is available in different diameters



Proposed product specification

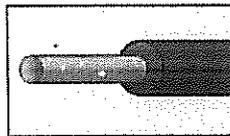
- Product : Pipe cover, Aluminum film laminated pipe cover, Other film laminated pipe cover, Plain PE foam Sheet
- Diameter (Pipe) : ID 5mm ~ 50 mm, OD 15mm ~ 70mm
- Thickness (Sheet) : 5 mm, 10 mm, 20mm, 50mm

Benefits

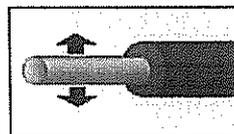
- Lightness & Flexibility
- Excellent thermal insulation (heat and cold) from -80 °C to 120 °C
- Excellent acoustic insulation (air and vibrations in the pipes)
- Excellent dimensional stability and resistance to chemicals
- Good resistance to ozone and ultraviolet radiation
- unassailable by insects
- Facility for painting and varnishing



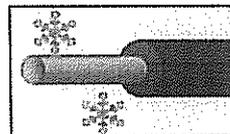
Fire retardant



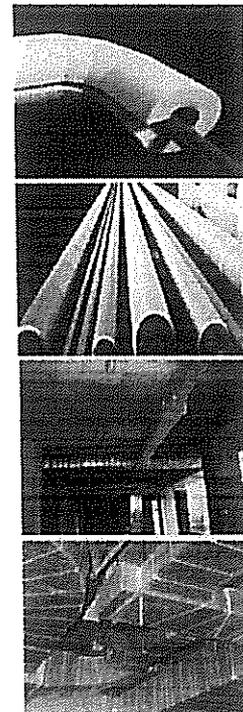
Condensation control



Energy conservation



Frost protection



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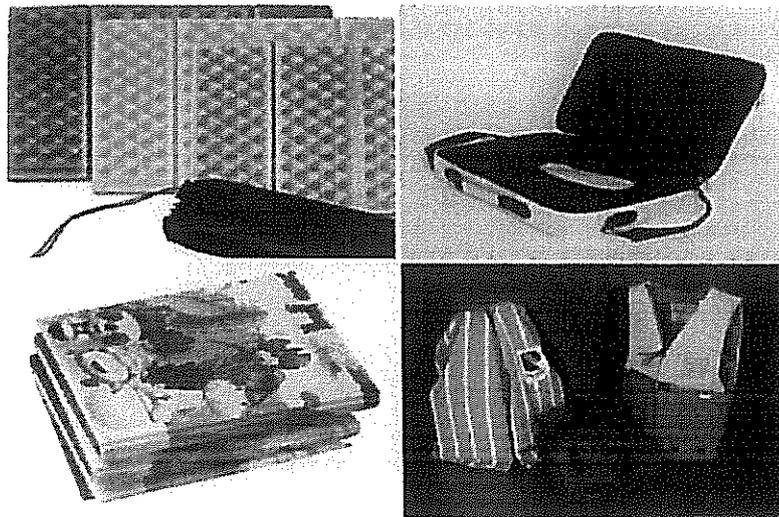
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Other Sundry

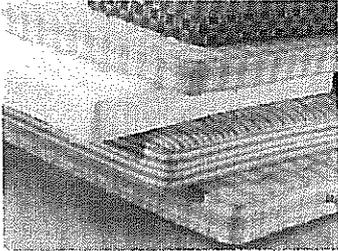
JUMBOLON® has been used for leisure & sporting and sundry goods such as lifesaving wear, glove, skate, bag, kid's toy and etc because of the excellent flexibility, exceeding chemical resistance, restoring nature, and beautiful appearance in many colors.

Benefits

- Lightness
- Flexibility
- Ability to absorb shock
- Excellent dimensional stability and resistance to chemicals
- Good resistance to ozone and ultraviolet radiation
- unassailable by insects
- water impermeability and water vapor
- Ease of application
- Non-toxic and environmental Friendly
- No hazard to health
- Can be colored by any plastic based paint



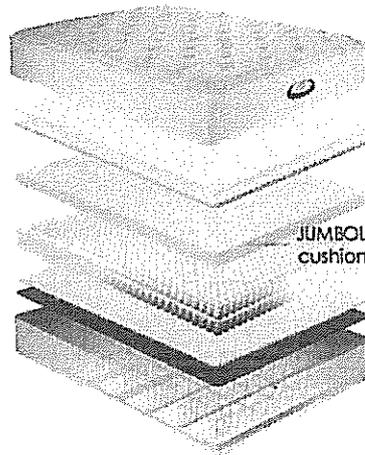
Mattress cushioning material



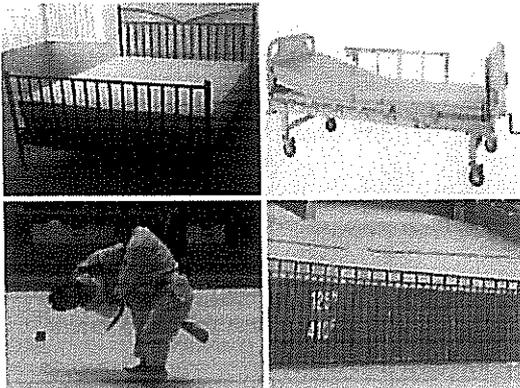
JUMBOLON® has been used for cushioning materials for living, leisure & sporting fields such as bed mattress, mats for children and sports thanks to excellent shock absorbing, no harmful effect to human.

Benefits

- Lightness & Flexibility
- Ability to absorb shock
- Excellent dimensional stability and resistance to chemicals
- Good resistance to ozone and ultraviolet radiation
- unassailable by insects
- water impermeability and water vapor
- Ease of application
- Non-toxic and environmental Friendly
- No hazard to health
- Can be colored by any plastic based paint



JUMBOLON® mattress cushioning material



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