

## eFoam Physically Crosslinked Polyolefin Foam

The Invisible Guardian of Buildings

# 泉碩科技

MEGA MASTER  
TECHNOLOGY  
CO., LTD.



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## About Mega Master Technology

Mega Master Technology Co., Ltd. was established in 2011, formerly known as Liang Haw Fiber Co., Ltd. In 1997, the company imported electron beam irradiation technology from abroad and developed advanced irradiation polymer cross-linked technology that manufactures environmental high polymer building materials. From raw materials to the final green products, Mega Master adopts sustainable development as its guideline and is compliant with the RoHS regulations.

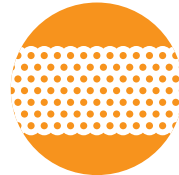
Developed by Mega Master, the eFoam environmental PE foam products that have waterproof, soundproof, heat insulation and non-toxic features are exceptional building materials. Among these, the soundproof floor mat is effective in preventing moisture from cement floors, therefore extending the lifecycle of wooden floors, thus becoming the main exporting product for international market. Furthermore, it has attracted attention globally due to the ongoing green trend.

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## Product Introduction

Mega Master uses electron beam irradiation technology to produce non-toxic and odorless polyolefin foam, in which “eFoam” is established as the brand name. The electron beam irradiation production process allows eFoam to be able to evenly distribute its closed cells, providing remarkable physical properties, and greatly improving the processability. eFoam have different density, thickness, widths and colors for ones choosing. In addition, it could be supplied in roll form or customized, thus lowering material waste and raise its convenience.



### Physically crosslinking process to manufacture eFoam

With physically crosslinking technology, the production process is more eco-friendly and less polluted.



### Width up to 2.4M

The extraordinary manufacturing technology could expand the width that minimizes the volume of material waste.



### High stability of the quality

Polymer materials have long lifecycle and do not degrade.

## Product Features and Applications

Due to the evenly distributed closed cells characteristics, the eFoam have three major features: waterproof, soundproof and heat insulation. The excellent waterproof feature allows the product to be widely used as waterproof roof material; when applied onto wall panels and rooftops, it could effectively prevent heat. Furthermore, due to its soundproof features, the product is suitable for demising wall and floor panels, as it could lower the airborne sound of wall surfaces by about 50 decibels and about 20 decibels of the floor impact sound. eFoam received not only the “Taiwan Green Building Material Mark”, but also fulfilled EU RoHS and REACH relevant standards.



### Weather-Resistant

Building materials from rooftops, wall surfaces and ceilings



### Sealing

Sealing solution for building materials and windows



### Heat Insulation

Heat insulation building materials for walls and rooftops; Heat insulation steel plates



### Soundproof/ Noise Reduction

Underlayment for various floorings: Stone Plastic Composite (SPC), Luxury Vinyl Tile (LVT), laminate, carpet, and wood floors

