



EPS 制品的其他应用领域

OTHER APPLICATION FIELDS OF EPS PRODUCTS

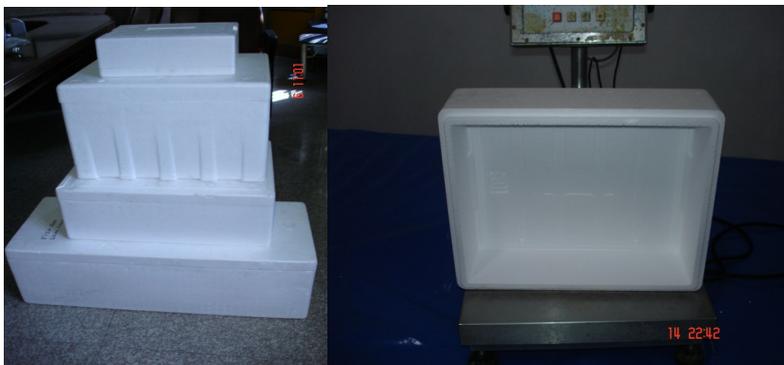
EPS 泡沫制品在保温隔热，食品和电器包装和建筑装饰等方面具有广泛的应用领域。考虑到目前的市场情况，除建筑保温板外，我们推荐以下一些产品供客户参考。

EPS foam products have been applied widely in heat insulation, food and Electronics packaging and building material and so on, considering about market situation around the world now. We recommend some products for clients reference as follows, which expected construction insulation board,.

包装类(Packaging):

----鱼箱 (Fish Box) (推荐): EPS 鱼箱有很大的市场，它除了方便运输外，还有保温隔热的作用，在鱼箱中放入冰块可以在长时间的运输过程中保持鱼的新鲜。因此，目前世界上的渔场基本采用 EPS 鱼箱进行保鲜和运输。鱼箱在欧洲、东南亚、南美等地被广泛使用。与塑料鱼箱相比，EPS 鱼箱具有保温性能高、重量轻（由 5%EPS+95%空气组成）和性价比高、环保（100%可回收）等特点。

-----Fish Box - **HIGHLY RECOMMEND**: It has a large market using eps fish box, which except convenient transportation , and also have insulation insulated effect, put ice cubes into fish box can keep the fish fresh in a long transport process. therefore, at present the fishery grounds basic adopt EPS fish box for keeping fresh and transport in the world. Fish box is widely application in in Europe, South-east Asia, South America etc.. Compare with the plastic fish box, EPS fish box has has high performance in insulation, light weight(5% EPS + 95% air) and cost-effective, environmental protection(100% recyclable), etc.



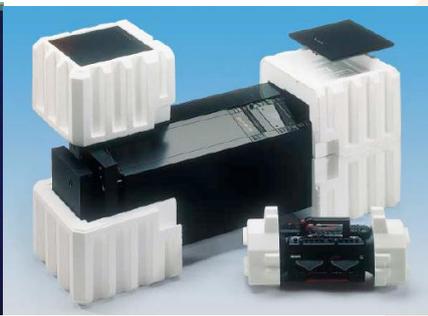
----蔬菜箱和水果箱：目前世界各地的大部分农贸市场都采用 EPS 箱子来保鲜，储存和搬运蔬菜和水果。如果当地农业较发达，农产品种类较丰富，可以考虑生产蔬菜箱和水果箱供应市场。

----(Vegetable Box And Fruit Box): At present, farmers market most adopt EPS box for packing vegetables and fruits to keep fresh, reserve and transport in the world. If your local agriculture is more developed , a wide range of agricultural products. It could consider producing EPS vegetable box and fruit box supply for the market.



----电器包装：主要有电视机，空调，冰箱和其他各类电器包装等。如果当地有一些电器制造商在当地投资办厂，可调查是否有该方面的市场需求。

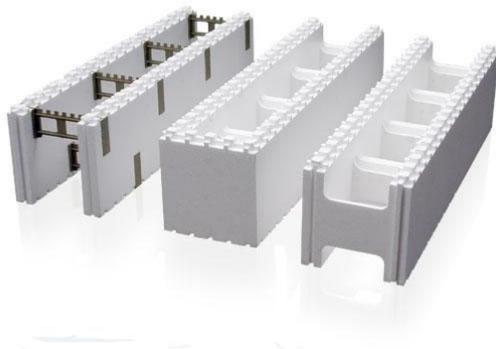
---- Electronics Packaging: It is main Including TV, air conditioning, refrigerator and other types of electronics packaging and so on, home appliances market should have demand and supply, there are some famous electronics manufacturer should have self-owned protective packaging factory to down cost.



建筑墙体类(Construction Material):

----ICF 系统 (Insulated Concrete Form)： ICF 建筑保温设计起源于加拿大，而后普及欧美，目前正在中东地区兴起，是发达国家和高端建筑市场最受欢迎的一种建筑隔热方式。其保温隔热，隔音效果比普通外墙保温板好，建筑速度快，建筑方式灵活。

----ICF System(Insulated Concrete Form):ICF building original was designed in Canada, and popular in Europe and America. Nowadays, it is booming in Mid-east, ICF is a kind of insulated building structure, which is the most popular in developed country and hi-tech building market. There are so many advantages in ICF. Especially the heat insulation, sound insulation's effect is much better than Common insulation board, and it is easy to



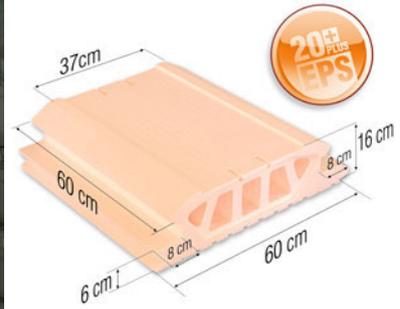
build.

----屋顶板系统：可配合外墙保温板和 ICF 系统使用，建筑方式环保高效，隔热保温效果好。

----Roof Board System: cooperate using with outer insulation board and ICF system , this

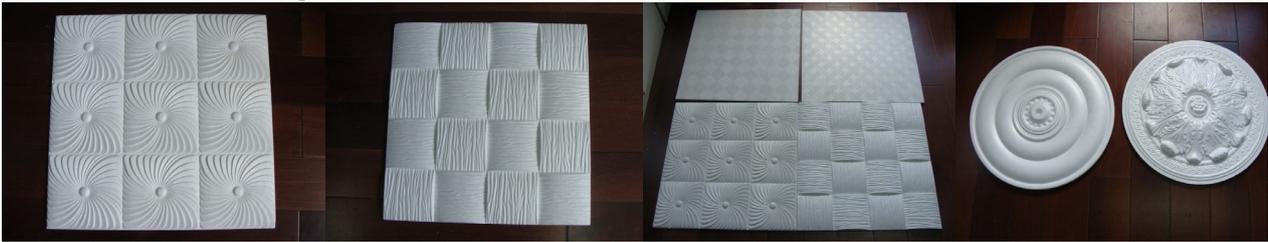


kind of insulated building is environmental efficient with good insulation effective.



建筑装饰类(Building Decoration):

----天花板装饰 Ceiling Board Decoration:



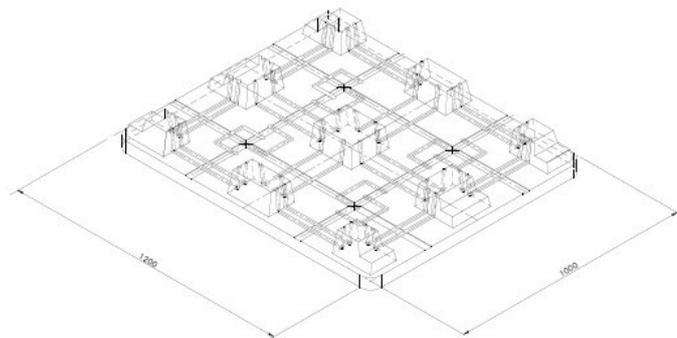
----屋檐角装饰 Angle Line Decoration:



特殊制品类(Special Products):

----托盘: EPS 托盘相比较与传统的木制托盘和塑料托盘来说, 强度更高, 可回收, 环保无污染。一个 1200 x 1000 x 120mm 的 EPS 托盘可载重量为 1 吨。对于安哥拉这种有大型港口的国家来说, 托盘是一个很好的产品。

----Pallet - **RECOMMEND**: EPS pallet compare with traditional wooden pallet and plastic pallet, the strength is stronger, recycling and environmental protection, A eps pallet 1200 x 1000 x 120mm can reach weight 1 T, So EPS pallet is a good product for a big port in Angola.



PALLET SHOWN ON UNDERSIDE
ISOMETRIC VIEW



注：要生产以上各类制品，仅需在目前报价方案的基础上增加一台自动成型机和不同的模具即可。根据不同成型机和模具的大小，增加成本约在 40 万-50 万人民币左右。

Note: if making this products above, it only needs add one shape moulding machine and different mould on basic quotation project at present. According to different sizes of shape moulding machines and moulds, it would cost around 60,000 - 80,000 USD around.

板材类(Eps Panel) - HIGHLY RECOMMEND:

----彩钢夹心板：镀锌彩钢和 EPS 芯板组成的复合板，用于建造各种厂房和活动板房，目前国内国外的工厂基本都是用彩钢板建造，成本低，建筑周期短。长度一般为 6 米。

----Steel Sandwich Panel: galvanized steel with eps board, which is building all kinds of plants and movable house, at present, it basic adopts the steel panel for building in the domestic and abroad, the building costs is low and short periods. generally 6 metres in length.



----3D 板：EPS 芯板和铁丝网组成的复合板，保温隔热，建筑速度快，缺点是对高度有限制，强度不高，目前世界上仅有有限的几个国家在使用。长度一般为 3 米。

----3D panel: EPS board with mesh after coated with cement on both side, heat insulation and easy to install. the disadvantage is the height restricted, general the length is 3 metres. strength not high , there are only using in some countries.



注：要生产以上两种复合板，需要调整报价里板材成型机的尺寸，板材长度需增加到 3 米或 6 米，所以相应的辅助设备也需要增大。另外，还需增加复合板生产线。

Note: if making this two kinds of panels, it will adjust the block moulding machine 's size in quotation, block length increase 3~6meters, also increase other auxiliary equipment , in addition, increase the sandwich prouduction line.

其他板材应用类：普通切割机只能将大板切割成长方形的板材或片材，但是对于一些特殊应
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用，如波浪形板材，带槽型板材和罗马柱形装饰等就无法做到。这时就需要用 CNC（数控）切割机来完成圆形，弧形和 3 维的切割。

Other Block Application: common cutting machine only can cut the rectangel blocks and sheets, but it could not cut other in special application, such as wave shape, groove shape and column decoration. It needs CNC cutting machine to cut the round shape, cove shape and 3D shape.



注：要切割特殊形状产品，仅需在现有报价方案基础上增加一台数控切割机，增加成本约为 20-25 万人民币。

Note: if cut the spacial shape products, it needs increase a CNC cutting machine on basic quotation project, also cost extra around 30,000 - 40,000 USD.

