



Plastofoam & Polyethylene

Mazeroon Foam products` User Manual



What is Yonolit and what are its applications?

The styrofoam in Iran is known as plastofoam, Yonolit and acacias, the main name of which is expanded polystyrene (EPS). Yonolit is a lightweight material, usually white, which is used as thermal, moisture insulation and sound insulation.

It can be used as thermal, sound and moisture insulation in building Industry, refrigerators, isolations, sound studios, toys, temporary billboards and decorations, handicrafts and so on.





We make your life more comfortable.



Advantages of Polystyrene Ceiling Block

Comparison of polystyrene ceiling block against cement or clay one:

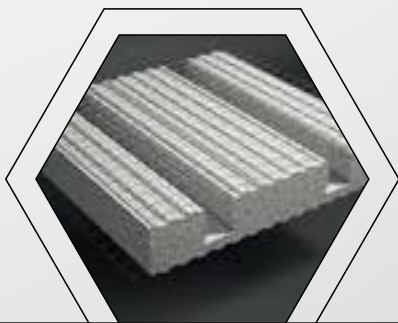
- Ease of construction
- Earthquake Safety
- Maximum time saving on construction
- Thermal and acoustic insulation
- Over load reduction at least 100kg/m²





Different types of Roof blocks (EPS) and Yonolit sheets:

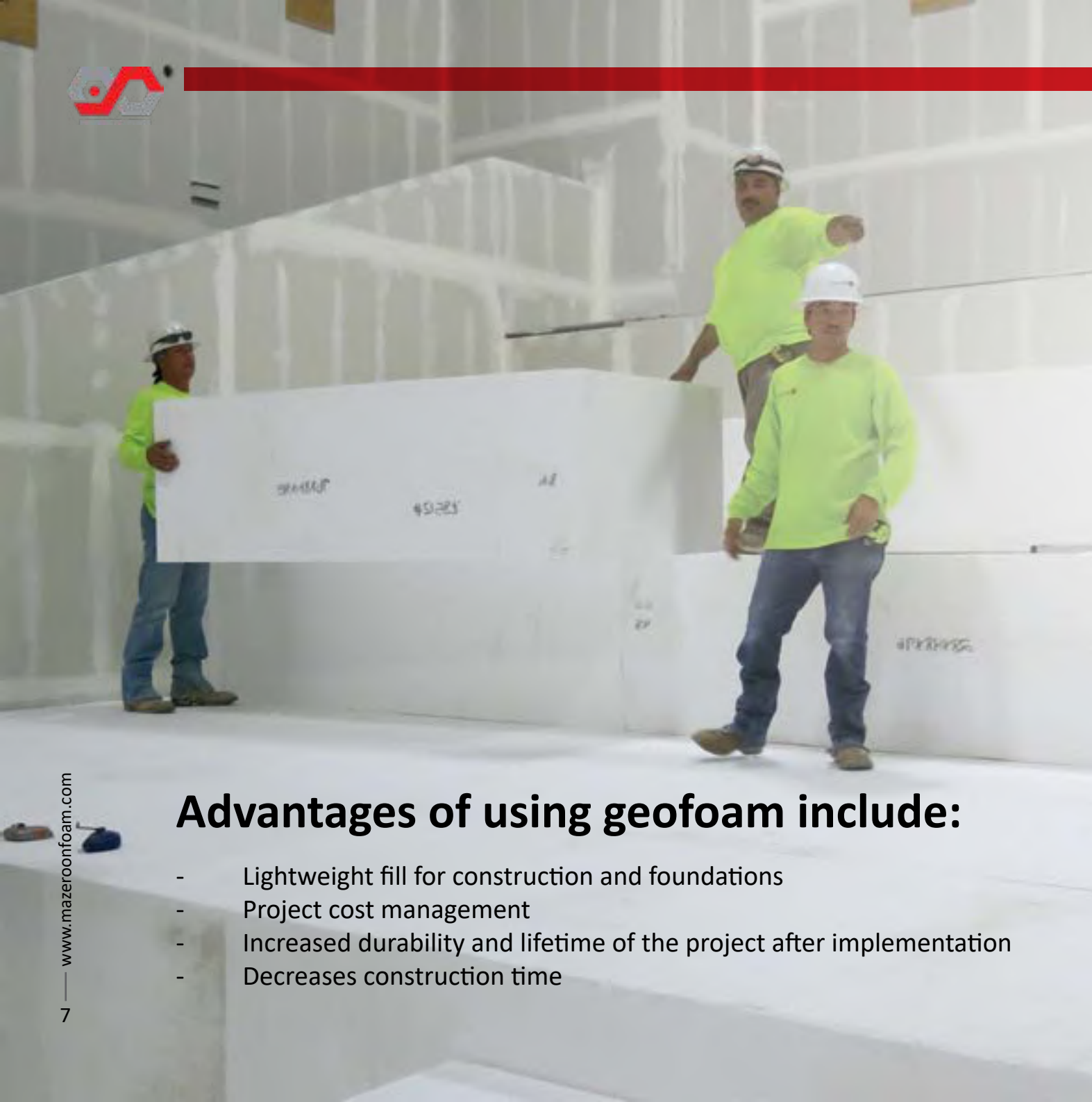
- Flame-retardant roof blocks in different dimensions and density.
- Various type of sheets useable for 2D panel, buildings, refrigerators and cooling plants in different thicknesses, density and length up to 1M.
- Variety of Plastofoam in various shapes used in road projects (cubic and cylindrical.)
- Plastofoam sheets designed for single sleepers, couples mattresses and children.
- Various shock absorbers in car manufacturing and Shipbuilding and...
- EPS Geofoam is used in road, dam and bridge projects.





Advantages of using Under Floor Heating Panel:

- Ease of construction
- Reduce concrete consumption
- Higher efficiency
- Maximum money and time saving on construction
- Integration on the surface



Advantages of using geofoam include:

- Lightweight fill for construction and foundations
- Project cost management
- Increased durability and lifetime of the project after implementation
- Decreases construction time



Some uses of Polyethylene in industries

Construction Industry

It can be used as thermal and moisture insulation of roofs and double walls of buildings in two types roll and plank.

As sound insulation in conference saloons, cinema, theater.

As heating and cooling insulation for ceiling underlay of salons, aviculture, sport building and greenhouse in ordinary and laminated type.

Used as shock absorber of floor and walls of buildings in sanitarium and kindergarten in ordinary and kindergarten type.

Other industries

Furniture making, embroidered mattress (medical, sporty...).

It can be used instead of glass wool in car manufacturing, stroke absorber, shoes making and so on.





Polyethylene Foam

- Ordinary and laminated thermal insulation for buildings, industrial and sport halls.
- Various shock absorber for kindergarten and sanatorium.
- Ability to produce plank foam (mattress).

Benefits

- CFC free, ozone-friendly and compatible with environment
- Resistant against fungus and vermin
- Longer shelf life than other types of insulation

Description	Amount	Unit	Standard	Nature
It is changable according to customers order	100-25	kg/m ³	ASTMD3575 - W	Density
In 50% pressure and for 22hours in ambient tempreture and density 25	35-27	%	ASTMD3575 - B	Compressive Set
In pressure 25°C and desnsity 25	0.033	w/m ⁰ k	ASTMC355	Thermal Conductivity
For 48 hours and density 25	0.5	%	ASTMD3575 - L	Water absorpstion
For desnsity 25	250	kPa	ASTMD412	Tensile Resistance
For desnsity 25	80	%	ASTMD412	Length Enhancement



Polyethylene Aluminum Foam Rolls

Polyethylene Foam Rolls for kindergartens







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