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Polyurethane Insulation

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Polyurethane is a solid product, with a foam texture and an appearance between cork and polystyrene. It results from the chemical reaction which is produced almost instantaneously between two liquid chemical compounds. One of these chemical compounds is a reaction activator (known as MDI-isocyanate) and the other is a chemical compound known as polyol.



This rigid polyurethane foam has a high-potency thermal isolation and completely eliminates the thermal spots. This foam is applied “in situ” and is projected at high-pressure over the surface. The heat generated during the application of a spontaneous vaporizing product of the foaming agent, enables the substance to expand up to 35 times its volume in a few seconds so it can acquire its final shape.



It can be applied in any horizontal, vertical or inclined surface. It's lightweight, waterproof, auto-adhesive and is fast to apply. Its durability is defined since it has great resistance to aging. It also resists extreme temperatures, traction and compression and it always returns to its original shape.

Isolation Polyuréthane



These foams are used to close little fissures but, since they have a great thermal insulation capacity and are highly adaptable and expandable, they are ideal to insulate irregular surfaces and holes.



They work as a barrier against air but not against vapour and they should be protected against an extended exposure to sunlight. When they are used in a building's interior, they should be coated with non-flammable materials.



This high-power thermal insulation, continuous and uninterrupted, eliminates all the thermal points in high-density; it's waterproof and adheres to all the surface materials used in construction.

It's a lightweight insulation which doesn't overload the structures, has an undetermined durability, eliminates condensation and has a low coefficient. The thermal transfer resists to chemical products.