

# Isolacrete Foam®

## Product Data Sheet

### 1.0 DESCRIPTION AND USES

A thermo-insulating material formed by a rigid foam plate of extruded polystyrene. This plate is made up of closed cells with high adherence which produces a system with high impermeability and thermal insulation.

#### USES

It is very efficient and versatile for roofing and wall coverings, tanks, pipes, cold rooms, silos boats, railway wagons, air conditioning ducts, thermal vans, etc. It can be applied both for new and repair projects.

### 2.0 PROPERTIES

See Table No. 1

- Low coefficient of thermal conductivity
- Low density, does not overload structures
- Prevents condensation by being permeable to water vapor
- No water absorption
- Resistant to fungi and microbes
- Resistant to root penetration
- Good compressive strength
- Constant thickness.

### 3.0 ADVANTAGES

- Saving of air-conditioning energy due to a high insulating power.
- Flexible - supports expansion and contraction of the structure without cracking or breaking.
- Reduces thermal shock in constructions due to temperature variations.
- It does not allow the passage of air or liquid water so it is impermeable to water.

### 4.0 COMPOSITION

Extruded polystyrene foam.

### 5.0 PHYSICAL PROPERTIES AND SPECIFICATIONS

See Table No. 1.

### 6.0 SURFACE PREPARATION

The surfaces on which **Isolacrete Foam®** is applied must be clean and free of any contamination such as: oils, dust, grease, rust, loose particles. The **Isolacrete Foam®** does not promote the oxidation of metals. It is not necessary to remove waterproofing as long as they are well adhered to the surface.

### 7.0 APPLICATION

Adhere to surface by **Adherecrete Coat®**, nails or fasteners.

### 8.0 STORAGE

The product shall be stored in a dry place under cover in its original container. The temperature should not be less than 41°F or more than 86°F. If stored outdoors, it is recommended to cover or protect with white plastic or tarpaulins.

### 9.0 PACKAGING

Plates 1.22 x 2.44 x 0.0254 meters (4 x 8 x ft x 1 inch).

### WARRANTY

**CURACRETO, LLC** offers a written warranty upon request. Please contact your sales representative.

Disclaimer: **CURACRETO, LLC** believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, please call Curacreto Tech Support (954.604.7112).

Table No. 1		
ISOLACRETE FOAM®	PHYSICAL PROPERTIES	ASTM TEST METHOD
<b>SPECIFICATION ASTM C-578</b>		
1. Type	VI	C-578
2. Material	extruded polystyrene	
3. Change Dimensional Stability max. (%)	2	D-2126
4. Flexion Resistance (kPa)	300	C-203
6. Compression Resistance (Pa)	1915	D-1621
8. Service Temperature ( ° C)	-73 - 121	
9. Resistance Voltage (kPa)	35	D-1623
10. Cellular Structure mín. (% close)	90	ISO-4590