



COMPLEMENTARY PRODUCT



Adfoam Polyurethane Foam

### DESCRIPTION

Expanded polystyrene insulation for custom insulation of water pipes.

### CERTIFICATIONS



- Meet ASTM C 1338 Standard, report R04-690 test methods to determine mold resistance

### INSTALLATION

1. Dig the ground to the width of the Aquazol.
2. Flatten the surface as much as possible.
3. Install the lower piece of Aquazol on the floor and place the pipe on it.
4. Close the Aquazol with the top piece.
5. Backfill.

Note: When installing the pipe elbow, fill the Aquazol cavity with sprayed urethane in order to have perfect pipe insulation.

### PHYSICAL PROPERTIES

#### Expanded polystyrene 30 (type THD)

<b>Thermal resistance</b> (ASTM C518 C177) thickness of 25 mm (1")	R-4.2 RSI-0.74
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<b>Compressive strength</b> at 1% deformation	N/D
at 5% deformation	175 kPa (25.4 lbs/in <sup>2</sup> )
at 10% deformation (ASTM D1621)	210 kPa (30.6 lbs/in <sup>2</sup> )

<b>Water absorption</b> (ASTM D2842) thickness of 38 mm (1-1/2")	2%
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<b>Density</b> (ASTM D1621)	32.03 kg/m <sup>3</sup> 2.0 lb/ft <sup>3</sup>
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<b>Limiting oxygen index</b> (ULC S-701) % minimum	24%
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<b>Dimensional stability</b> (ASTM D2126) % max. linear change	1.5%
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# AQUAZOL

## TYPE THD

EXPANDED POLYSTYRENE INSULATION FOR WATER PIPES

### SIZES

Length	1219 mm 48"
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Custom made product according to the circumference of the pipe to be insulated.

Final dimensions will vary depending of the provided parameters.

### ADVANTAGES

#### **Break thermal bridges**

The lower piece of Aquazol is grooved and the upper piece is tongued which prevents air from entering between the two pieces when they are put together.

#### **On site quick and easy adjustment of the bell**

Expanded polystyrene is easily cut with a utility knife or saw. It is therefore quick and easy to cut the Aquazol to insert the pipe bell.

#### **Low water absorption**

The closed cell walls are waterproof and as such, water can only penetrate in channels located between polystyrene cells that are held together.

#### **High-dimensional stability**

According to industry standards, EPS is one of the leaders in terms of size maintenance. This helps the system to remain fully waterproof at all times.

#### **Captive gas; 98% air and 2% plastic**

This formula has been used for more than 50 years. It does not contain any CFCs, HCFCs, Formaldehyde or any gas that can impact the ozone layer. Furthermore, this provides the product with premium features including its light weight and the maintenance of R value.

#### **Environmentally friendly**

EPS is 100% recyclable and contains 10% recycled materials. Produced locally, the distance between the plant and site is often shorter than other products of the industry.

#### **Mildewproofing**

EPS contains materials that do not support the growth of bacteria such as spores and mushrooms.

