



COMPLEMENTARY PRODUCT



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 25 (Type HD)

Thermal resistance R-4.17
(ASTM C518 C177) thickness of 25 mm (1") RSI-0.73

Compressive strength N/D
at 1% deformation
at 5% deformation 125 kPa (18 lbs/in²)
at 10% deformation 140 kPa (20 lbs/in²)
(ASTM D1621)

Water Absorption 3%
(ASTM D2842) thickness of 38 mm (1-1/2")

Density 25 kg/m³
(ASTM D1621) 1.6 lbs/ft³

Limiting oxygen index 24%
(ULC S-701) % minimum

Dimensional stability 1.5%
(ASTM D2126) % max. linear change

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AQUAZOL

TYPE HD

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.

