



FOAMULAR® Extruded Polystyrene (XPS) Pipe Insulation

Preventing Heat Damage Due to Solar Heat Gain

Technical Bulletin

IMPORTANT:

FOAMULAR® Extruded Polystyrene (XPS) has long-term, stable thermal properties and is one of the most moisture resistant rigid pipe insulations available. FOAMULAR® XPS is also very dimensionally stable and durable. It must be installed in accordance with installation instructions provided by Owens Corning Foam Insulation, LLC (Owens Corning). XPS is a thermoplastic material, meaning if heated above its maximum service temperature of 165°F, it may experience dimensional change. When placed in black or clear plastic bags, heat build-up from sun exposure may result in damage to the XPS. Precautions taken during the installation process will minimize the potential damage.

For exterior installations in general, it is recommended to apply only as much FOAMULAR® XPS Pipe Insulation as can be covered by the finished protective covering the same day of the installation. This will help prevent FOAMULAR® XPS discoloration and possible damage from heat build-up by excessive sun exposure. Uninstalled materials should not be stored in direct sunlight. If temporary coverings or plastic bags are used, they should be white.

For exterior roof

installations, in addition to the recommendations above, only material that can be installed and covered the same day should be placed on the roof. Uninstalled material should be stored out of direct sunlight. Installations near highly reflective walls, such as metal or glass, should take extra precautions to insure FOAMULAR® XPS insulation is covered as soon as it is installed to avoid additional heat build-up.

For job site storage

in trailers, avoid storing FOAMULAR® XPS in dark colored or unvented storage trailers.

For more details, please contact your local Owens Corning Area Sales Manager.

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