

ADHERING FLEXIBLE CLOSED-CELL INSULATION TO RIGID CELLULAR GLASS INSULATION

In many instances flexible closed-cell (elastomeric foam) insulation is butted up directly to cellular glass insulation, particularly in the area of bends. Elastomeric insulation can be used as an expansion/contraction section with rigid insulation products.

Hot melt adhesive systems are ideal for adhering the flexible polymer insulation to the rigid cellular glass insulation or rubber mastic type systems can also be used.

When the cellular glass is cut/fabricated, many open cells are exposed. The recommended adhesive system must be such that it can flow into the exposed (open) cellular glass cells forming the equivalent of a solid root system embedded within the open cells of the cellular glass. The dissimilar insulation materials are now joined by a moisture proof seal.