Case History

Type of Project / Name: Church Building Stone Wall Restoration
Location: Bowers, PA
Specification: GacoOnePass Closed Cell Foam
Contractor: Spray Foam Insulation Services Inc. | Elmer Swarey, Owner
Customer: Christ Delong UCC Church
Problem to be Solved: Interior basement wall was crumbling and in need of repair.
Completion Date: March 2017
**Problem:** The stone walls in the basement of this church were crumbling and needed repair.

**Unique Characteristics:**
The church was rebuilt in the early 1900s after the original structure was burned in a fire. The basement walls are made of rocks pulled from the ground of nearby farmland and stacked and mortared in between. Over time these walls had started to crumble.

**Solution:** GacoOnePass Closed Cell Foam has become Spray Foam Insulation Services’ product of choice for this type of project. Many homes in the area were built in the late 1800s and early 1900s with stone basements and the company has significant experience addressing deterioration issues.

GacoOnePass is an excellent solution because of its superior adhesion to a variety of substrates. It adds strength to the walls, alleviates any further cracking or crumbling, and provides insulation from the cold outside.

GacoOnePass is ABAA evaluated, Appendix X approved for use without an additional ignition barrier, and is GREENGUARD Gold certified – proving it to be a safe and healthy solution for interior projects.

**Installation Details:**
Charles Swarey and Cliff Smith of Spray Foam Insulation Services applied 2” of GacoOnePass over the stone, relying on the rigidity and durability of the foam to hold the rocks intact. The walls are now smooth and strong, and after applying a Thermal Barrier coating over the foam, followed by a decorative coat of paint, the wall will be beautiful for years to come.

**Spray Foam Insulation Services**, based out of Fleetwood, PA is family owned and operated.

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**Exterior of church.**

**Church stone wall before GacoOnePass was applied.**

**After GacoOnePass was applied.**

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**GacoWallFoam / GacoOnePass**

**Church Building Stone Wall Restoration, Bowers, PA**

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