

# PolyArmor® 490-572

## HIGH ELONGATION POLYUREA

### ▶ **CASE STUDY 1: Metal Roof Restoration**

**PROJECT:** Restore Badly Leaking Corrugated Metal Roof

**OWNER:** Pepsi Cola Co., Grand Rapids, Michigan

**INSTALLER:** ReNew Roof Co.

**SYSTEM:** POLYARMOR® 490-572

**COLOR:** Charcoal

**AREA:** 54,000 sq. ft.



#### Preparation and Coating

- ◆ Power washed - 3000 psi.
- ◆ Wirewheel brushed all areas to be coated - removed all loose rust.
- ◆ Tightened all loose screws.
- ◆ Acid etched all areas to be coated.
- ◆ Applied proprietary galv. primer.
- ◆ Sealed all horizontal and vertical lap joints, all screw heads and all protrusions with POLYARMOR® 490-572 plural under private brand.
- ◆ Overcoated all areas with aluminized asphaltic paint

**DISCUSSION:** This corrugated metal style roof was over ten years old at the time of restoration by ReNew. There were over sixty-five separate leaks by count prior to re-sealing. When done, there was one very small drip that was easily repaired. Over two million sq. ft. of metal roof has been restored by ReNew since 1992 using POLYARMOR coatings exclusively. (covered by U. S. Patent 5,392,583)

