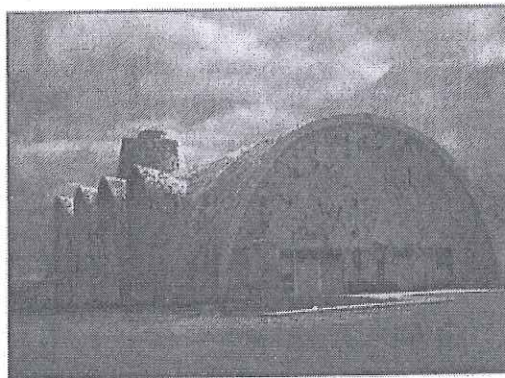


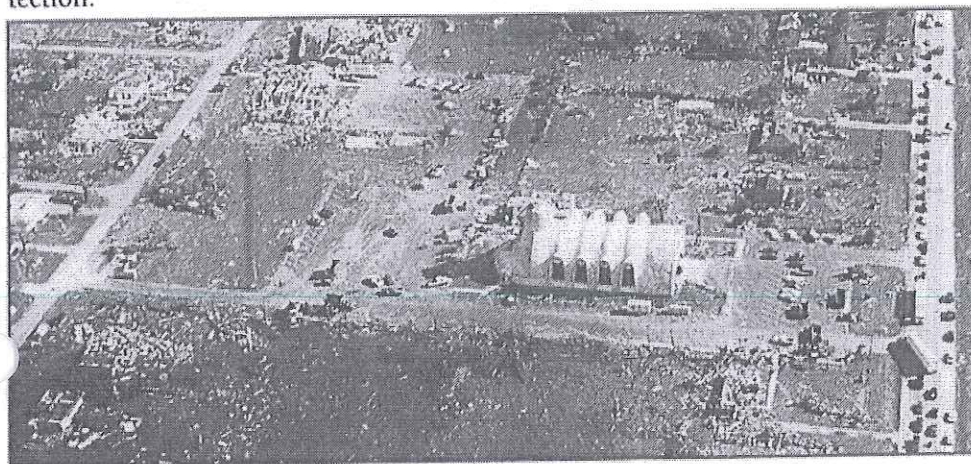
# SPRAY POLYURETHANE FOAM

## A sealed envelope of protection from destructive winds

This church survived the tornado that cut a path of destruction through Plainfield, Illinois. The building was completely covered in spray polyurethane foam. There was repairable missile damage to the exterior surface, yet the sealed spray polyurethane foam helped to strengthen the building and resist uplift from the high-force winds. Because polyurethane foam is spray-applied, it can conform to any shape and provide a sealed envelope of protection.



Photos courtesy of The National Roofing Contractors Association



*“The spray polyurethane foam roof examined by the study team was on a three story building in downtown Charleston (in the aftermath of Hurricane Hugo)... In one area several linear feet of brick parapet gave way, which resulted in a loss of some metal panels and foam. However, the remainder of the roof was undamaged except for some missile damage from adjacent buildings. The SPF performed quite well.”*

—Texas Tech Institute For Research Disaster

## Compare roofing systems

Compare these attributes of typical BUR and SPF roofing systems and see how a spray polyurethane foam roofing system can help protect your building when hurricanes, tornadoes or other high-wind disasters strike. Consult a spray polyurethane foam roofing contractor or supplier for more information.

### Build-up Membrane

- Overhangs, overlaps seams and joints
- Attached flashings
- Must be secured to the deck with fasteners
- Subject to heavy damage and penetration from flying debris
- Can lift off or peel under high wind conditions
- Peeling exposes the building's interior to water damage

### Spray Polyurethane Foam Roofing System

- Smooth, continuous surface with no edges, seams or joints
- Self-flashing
- 100% adhesion – no fasteners are needed
- Sturdy and resilient – resists missile damage and penetration
- Grips the building walls and holds tight against high winds
- Protects the building's interior from leaks or water damage

## SPRAY POLYURETHANE FOAM ALLIANCE

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