

# Disaster Durable Solutions™

Protecting the Built Environment through Chemistry



## Understanding the threat. Withstanding the disaster.

The first step in protecting one's self against the reality of disasters is to better recognize what might be lurking just around the corner. By recognizing specific threats based upon geographic position and climate, you can select the BASF disaster durable products that protect against the dangers facing you, enabling you to build—or build back—best.

Only BASF offers the combination of construction chemistry and community commitment to provide superior protection and create more enduring, sustainable environments. Because, when it comes to protecting your investment against the threat of disaster, good or better don't rate; only the best will do.

## Build back durable with BASF<sup>1</sup>

- Stronger
- Safer
- Longer lasting
- Mitigate risk
- Sustainable communities

<sup>1</sup> Discover how BASF's Disaster Durable Solutions can provide you with advanced protection and remarkable defense from both natural and man-made disasters. Visit [www.epf.basf.com/dde](http://www.epf.basf.com/dde) to learn more.



## A harsh reality.

Disasters happen. In fact, they are becoming more frequent, more intense and more costly. \$1 billion-plus weather disasters have tripled in the US since the 1980's, with annual losses in recent years reaching as much as \$60 billion\*. And they come in many shapes and sizes, creating multiple threats to the built environment in the form of hurricanes, hailstorms, floods, tornadoes, extreme cold, blizzards and earthquakes—as well as a myriad of manmade catastrophes.

As the world's leading chemical company, we believe chemistry is the catalyst that creates the solution to these hazards. BASF's construction chemistry has prevailed against the severest conditions both Mother Nature and mankind have dished out, reducing the negative impact of disasters and better protecting our properties, investments and communities from this growing, harsh reality.



Whether its residential housing, as shown here, commercial properties or infrastructure, the BASF portfolio of tough, resilient construction products that comprise our *Disaster Durable Solutions* are helping to build a better line of defense for a more sustainable future.

\*According to the George Washington University/Fact & Factors Initiative.



What makes a building stand up to the forces of nature? Again and again and again ...

### Installing Contractor

■ Coatings Application and Waterproofing Co.

### Building Owner

■ Mississippi Coast College,

■ Apply one inch of ELASTOSPRAY® polyurethane foam from BASF

■ Finish with NEOGARD® PERMATHANE™ II FR protective coating

■ Roof had survived over 170 days of extreme weather conditions in the US.

**PROJECT PROFIL**  
ELASTOSPRAY® Roofing System  
30 years of severe weather resistance



Durable is Sustainable

In the buildings.  
On the front line.



The Chemical Company

Joel W. May

Market Development, Insurance  
Performance Materials

BASF Corporation  
1600 Biddle Avenue  
Wyndora, MI 49192  
Mobile 586-801-0250  
joel.may@basf.com  
www.basf.us/construction

When disaster strikes, BASF is there to fight back—and build back:

- Creating a diverse portfolio of disaster durable products that positively impact energy, air sealing, speed of construction and accuracy of installation
- Meeting the most stringent codes for structural performance, like FM Approvals and Miami-Dade Standards and Miami-Dade
- Aligning with the insurance industry, design professionals, government agencies and non-government organizations to rebuild faster, save money, reduce waste and pollution, and speed the transition to more sustainable communities