ILC Dover’s Flex-Wall® 2510 Receives Factory Mutual Approval

World’s First FM Certified Floodproofing Solution to Withstand Six-Foot Water Level

FREDERICA, Del. (PRWEB) December 18, 2018 -- ILC Dover, world leader in innovative flexible containment solutions, has received certification from Factory Mutual (FM) Approvals of a first-of-its-kind Flood Mitigation system that protects facility openings from flood damage through the use of flexible fabrics and webbings. Using patented technology, the Side Deployed Flex-Wall® 2510 is approved to a water height of six feet – 80 percent higher than any other dry floodproofing product on the market.

“This FM Approval is an important milestone for our dry floodproofing business,” said Brad Walters, ILC Dover Vice President/General Manager. “ILC Dover’s flood mitigation products have had proven success in New York City protecting subway entrances and other critical infrastructure. Our customers have already benefited from the rapid deployment attributes by being able to wait until the last minute to utilize our solution to optimize their operational up-time.”

The ILC Dover Flex-Wall® 2510 dry floodproofing solution has received Factory Mutual (FM) Approval (ANSI/FM 2510) for facility openings. The ILC Dover FM Approved Side Deployed Flex-Wall® represents three major milestones in dry floodproofing. These include:
- The first deployable system approved across a range of design flood elevations (DFEs) to 6 feet of water height.
- The first and only flexible membrane and webbing structure to be FM approved for openings.
- The first deployable dry floodproofing system approved at these water heights in a range of widths up to 21 feet with no need for center posts.

The Flex-Wall® 2510 flood protection system is stored at the point-of-use, enabling rapid deployment and retraction in minutes, before and after a flood event, eliminating costly downtime at the facility.

The system provides seepage protection to 0.08 gallons per hour per linear foot of seal and can be configured to cover doorways, storefront windows, vehicular entrances, elevators, and other typical and non-typical openings. This powerful patented technology is utilized to protect against flood waters at critical infrastructure sites that create and transmit power:
- Commercial and Hospitality facilities
- Locations that provide critical care to the sick and elderly
- Sites that treat our water supply
- Locations that support transportation by air, rail and road

"If recent flooding has taught us anything, it's that we must continue to identify flood risk, communicate that risk to the public, and to implement those tools and certified flood barrier products, such as the ILC Dover Flex-Wall® 2510, which can be used in certain circumstances to eliminate the damages due to flooding," said Randall L Behm PE, CFM Chair, USACE National Nonstructural Committee USACE-Omaha.

About ILC Dover:
Since 1947, ILC Dover has built a global reputation for out-of-the-box thinking that makes the seemingly impossible possible. Our engineered solutions solve our customers’ most complex challenges through the creative and efficient application of flexible materials often integrated with advanced equipment and hardware.
We look beyond the boundaries of convention to help customers see what could be, and discover the extraordinary possibilities within everyday things. We are a diverse company serving many markets. We are dreamers, engineers, scientists and pragmatists — all dedicated to outperforming tradition to better mankind.

We apply our vast knowledge of materials, soft goods, film-based solutions and design to move the world forward, from advancing spacesuits for astronauts to developing solutions for NASA Mars missions to engineering lighter-than-air vehicles here on Earth. We continue to pioneer the use of flexible containment solutions to support advanced pharmaceutical and biopharmaceutical manufacturing, and we’re revolutionizing the packaging and extraction of bulk liquids to enhance customer profitability and sustainability.

Additionally, we create quick-deploy systems that protect cities and critical infrastructure from floods, and design and manufacture advanced respirators to protect against a range of chemical and biological threats.
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