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For Immediate Release

Top 10 Refrigerator Panel Manufacturer American Panel Deploys Chemique Adhesives' Solfre 2 Adhesive for Superior Bonding and Quality

KENNESAW, GA (Nov. 18, 2016) – American Panel of Ocala, Fla., knows how important it is to use quality products in their business. So when they were having challenges with an adhesive product that caused their refrigerator panels to delaminate, they turned to a leading adhesive manufacturer, Chemique Adhesives.

American Panel has been using Chemique's Solfre 2 two-component polyurethane adhesive for the past few years to great success.

"Without Solfre 2, we couldn't make our product as good as we'd want it to be," said Paul Ramsbottom, American Panel director of engineering. "I would say our product is consistently better as a result of Solfre 2 because without it, we'd have to reject a high amount of finished walk-in panel product. It helps us maintain a consistent, quality product for our customers."

American Panel, a family-owned company started in 1963, is one of the top 10 manufacturers of walk-in refrigerators and freezers for schools, institutions, hospitals, and restaurants, employing approximately 300 people.

Up until 2010, the company used a water-based adhesive that was ineffective because temperature changes caused the panels to delaminate as they swelled or shrunk. The mixture of hot and cold air on either side of the panel and the mechanical force of opening and closing doors would cause the foam insulation to separate from the panels, causing a blistering effect.

Solfre 2 offers an alternative to epoxies, one-part polyurethanes, solvented adhesives, and hot melts. In American Panel's case, Solfre 2 is used to adhere polyurethane foam to wood and metal panels as large as four feet by 20 feet, and even internal components such as cam locks.

One of the advantages of Solfre 2 over other adhesives is that there is no moisture requirement for curing, therefore cure times are not affected by humidity or moisture, according to Chemique. In addition, being solvent free, the Solfre2 system overcomes the problem of trapped solvent or moisture pockets and resulting delamination.

“Solfre also promotes faster panel production line speeds and can be cold pressed keeping energy costs to a minimum,” said Tony McMullen, president of Chemique Adhesives. “That’s an important feature in today’s business environment.”

Sticky situation solved.

About Chemique

Chemique Adhesives, Inc., is a pioneer in the development of solvent-free polyurethane, water-based adhesives and adhesive application equipment. It has fast become the first-choice adhesive supplier for a diverse range of industries, including transportation, foam conversion, raised access flooring, architectural panels, portable buildings, furniture, and many others.

Chemique’s experienced chemists and engineers provide innovative solutions for customers’ adhesive and adhesive application needs. With operations across North America and Europe, Chemique specializes in the development of custom bonding solutions for customers worldwide. For more information, visit www.chemiqueadhesives.com.