



News Release

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New, green Seal Design products aim for a weathertight RV

LOUISVILLE, Ky. — RVs that stay weathertight longer could soon be on the way with Seal Design's introduction of a new insulation product and two other products designed to create better, more durable seals for windows, doors, slideouts and exterior hatches — in essence, everything it takes to build a watertight RV. Seal Design is one of several leading RV suppliers affiliated with Dicor Corporation.

A first for Touch-N-Seal™ spray foam insulation

For insulation, Seal Design's Touch-N-Seal™ spray polyurethane foam is an opportunity for RV manufacturers to be the first to use expandable foam insulation in their RVs. It provides some exceptional advantages for both the RV buyer and the RV manufacturer.

Presently, rolls of fiberglass insulation that are rolled over studs or tucked around windows, doors and hatches typically leave small gaps for air to enter. Touch-N-Seal can be sprayed into the same places, where it immediately starts to expand to fill any gaps, no matter how small, and then quickly hardens into a solid, lightweight structured insulation, with a significantly better R-value of 7.2 per inch, compared to 3.2 per inch for the fiberglass used in RVs. It also provides better insulation for sound.

Another important benefit is the closed cell structure of the solid foam, which makes it an excellent sealant with an ability to limit water intrusion, damage and interior mold growth from potential leaks because of the tight interior wall seal it achieves. "Unlike fiberglass batting, water cannot penetrate the

Comment [d1]: Roles of fiberglass

closed-cell foam, and the foam will not hold water inside the walls like fiberglass, reducing the chance of serious damage if an exterior seal fails, allowing water intrusion,” said Greg Kelly, general manager of Seal Design.

The polyurethane foam also strengthens the walls as it solidifies, while weighing less than fiberglass. “So you’re strengthening the wall while reducing weight at the same time,” said Kelly.

An advantage for the manufacturer is that a single worker can more quickly spray in Touch-N-Seal than he or she could install the fiberglass. Touch-N-Seal also takes up significantly less storage space.

Seal-Tite™ sticks around

Seal-Tite™ is a caulk replacement for doors, windows and hatches. It is a very stable sealant that can be applied by the manufacturer very quickly and accurately with a hot-gun or robotic process that keeps bleed waste and cleanup to a minimum. Also, unlike caulk and putty tape, Seal-Tite does not crack, shrink or deteriorate over time, maintaining a solid, worry-free seal. It is manufactured in accordance with Energy Star and American Architectural Manufacturers Association specifications.

Perma-Fit™ thermoplastic extrusions stay forever new

Perma-Fit™ extrusions provide a more durable, higher-performance material for the rubber-like, depressible strips most commonly found sealing door thresholds and slideouts. It is made of non-cellular Thermoplastic Vulcanite (TPV). It offers durable memory or bounce-back properties and remains reliably supple without shrinking, stiffening or becoming brittle.

“We know our customers have been looking for better insulation and sealant solutions, so Seal Design looked at some of the best performing sealing technologies in other industries and we determined these could very practicably and efficiently be used in the manufacture of RVs,” said Kelly.

Green solutions, too

“The energy saving properties of these products are a clear plus for the environment as well as for RVers,” said Kelly. “We are very pleased to note that green and health-preserving production and installation materials and processes are used with these products.” For example:

- No toxic or carcinogenic materials used in production or installations.
- No rainwater or soil contamination (no runoff).
- No off-gassing in either production or application.
- Zero chemical migration.
- No specialty disposal requirement.
- No specialty freight regulations or restrictions.
- Zero volatile organic chemicals (VOCs).
- Biodegradable materials.
- Non-allergic materials.
- No HCFC's or CFC's — chemicals that deplete the ozone layer, which increases skin cancer, cataracts, and potential damage to some marine organisms, plants and plastics.
- Recycling: Waste from Seal-Tite applications is reprocessed, and TPV extrusions are 100 percent recyclable.

These and other products from Dicor Corporation brands will be on display in the Dicor Corporation booth, No.260, North Wing Lobby, at the National RV Trade Show in Louisville Nov. 30 to Dec. 2. Also visit www.dicor.com/amazingstuff.

