

## **Our Products**

For existing and new residential and commercial buildings.

Cellulose (82% Recycled Materials), for existing builds and new construction.

Zero Draft Insulation and Energy Solutions uses the best cellulose product available today. We apply Cel-Pak, made by National Fiber. Cel-Pak is one of the top choices for insulation application. This product is manufactured from unused newspapers and paper drive paper products. Cel-Pak is fire and mold resistant, and resists insects and rodents. This cellulose insulation product also provides very good sound-reduction qualities. Cel-Pak's rated R-Value is approximately 3.8 per inch.

### **Areas of application for our Cel-Pak product:**

- Attics- Blown-in (Loose-fill application)
- Walls- Dense-packed application
- Between Floors- (Loose-fill or dense-packed)

For more information on Cel-Pak cellulose insulation, visit [www.nationalfiber.com](http://www.nationalfiber.com) or contact us at 207-899-4688.

## **Retrofoam-For Existing Homes**

Retrofoam is a non-toxic, fire retardant, pest resistant insulation product that produces no gases or emissions- during application as well as once installed. Less gases and emissions produced makes for a healthier environment for you and your family.

Retrofoam is injected into the exterior wall cavities of your home using regulated pressurized air. It can be applied without having to remove existing fiberglass insulation from your wall cavities. In most cases, Retrofoam is applied from the outside of your home by removing a small section of siding from each cavity area, drilling a 2 1/2" hole, injecting the product into that cavity, plugging the small hole and reattaching the siding. Retrofoam is an Energy Star rated product, providing a rated R-Value of approximately 4.6-5.0 per inch.

For more information on Retrofoam insulation product, visit [www.retrofoam.com](http://www.retrofoam.com) or contact us at 207-899-4688.

### **Component Closed-cell Polyurethane Spray Foam**

For existing homes, businesses, new construction. This product is ideal for basements, attics, and open walls. It also effectively seals large gaps and cracks to stop air movement. By providing protection from escaping air through air holes and pockets, prevention from odors, noise, pests, dust, dirt, pollen and other irritants, your in-home comfort levels in each of these areas improve drastically. Our closed-cell spray foam provides an R-Value of approximately 7 per inch.

For more information on this product, contact us at 207-899-4688.

### **Component Polyurethane Foam Sealant**

For existing homes, businesses, and new construction. This product is applied by spraying around windows, exterior doors, small gaps, wire chases, service penetrations, and other smaller, specific areas.

For more information, call us at 207-899-4688.

### **Prodex Insulation**

For existing homes, businesses, and new construction. This versatile and heat-reflective product can be used for applications such as placement above suspended ceilings and areas where space is too limited for mass insulation product usage. Reflects 97% of radiant energy, while preventing condensation. A one-layer application of Prodex provides a rated R-Value of up to 15.67, and up to 21.10 for a two-layer application.

For more information, visit [www.insulation4less.com](http://www.insulation4less.com) or call us at 207-899-4688.

## **Our Other Miscellaneous Insulation Products**

For existing homes, businesses, and new construction. Zero Draft also installs the following insulation materials:

- Fiberglass Insulation (Various sizes & R-Values)
- Rigid foam boards (various types, sizes, and R-Values)

For more information, call us at 207-899-4688.

## **Specialty Products**

Thermal De-Icing Systems: For new construction and existing buildings. In most cases ice damming is caused by heat loss within your building traveling into your roof system. This action starts the cycles of snow melting on your roof, with it refreezing as the melted snow reaches a new, colder section of the roof. This newly formed ice continues to build up and works its way under the roof shingles. The results of this ongoing process can damage your roof shingles and the continually traveling snow melt leaking into your home can cause further water damage and create mold problems.

Zero Draft has found that the first step to significantly reduce this destructive ice damming process and reduce excess energy consumption is to find the source(s) of chronic heat/energy loss. Then we determine the best insulation methods and quality products needed to correct the problem.

Ice damming can also be caused by other factors such as your home's position in relation to sun exposure, complex roof nooks and angles, natural shade sources, and others.

To address problematic ice damming, Zero Draft is proud to offer our thermal roof de-icing system. By using an aluminum alloy as a primary heat conductor, these panel systems are heated using hydraulics or electric heat cables. Installed panels can be placed in many areas of roof systems, as determined by our technicians.

For more information, visit [www.thermaltechusa.com](http://www.thermaltechusa.com) or call us at 207-899-4688.

## **Solarize In'Flector Window Systems**

**Sized for all existing or new windows.**

Windows are one of the key sources of heat loss in winter and heat gain in summer. We, typically, insulate our attics with an R-Value from R-38 to R-60 and our exterior walls from R-19 to R-24. but the average R-Value for new windows is only between R-2 and R-4.5. It's important to insulate our windows better and provide radiant heat relief for our homes.

Our answer to this problem is to install the In'Flector see-through radiant window application. Applied onto the inside of your existing exterior window, these panels' special one-way heat transfer design enables it to absorb solar energy in winter while reflecting and retaining heat inside the building. In the summer months, simply flip the panel to have the reverse side facing out to reflect the sun's hot rays and reduce unwanted glare. The building's heating and/or cooling system has its workload reduced, resulting in:

- Increased Comfort
- Lower Cooling Costs
- Lower Heating Costs

For more information or to set up a free demonstration, call us at 207-899-4688.

## **Alside Windows**

**Replacement windows and windows for new construction.**

By combining state-of-the-art performance qualities for energy savings, a broad range of styles and colors, and the benefit of low maintenance upkeep, Alside Windows and Zero Draft have your needs covered. Whether you are building a new home or are considering replacing your existing windows, we can offer a wide range of outstanding products at reasonable prices with quality workmanship to enhance your home and save you money.

For more information, visit [www.alside.com/windows](http://www.alside.com/windows) or call us at 207-899-4688.