



Our Profile, Mission

Meet the leaders and revolutionaries in building weatherproofing and green building constructions, headed by an IIT-Kanpur alumnus with decades of experience in polystyrene based insulation and industrial packaging products.

With us is a dedicated team of competent and experienced engineers, technicians and personnel who genuinely care about making new and existing constructions more environment-friendly, and are passionate about spreading awareness regarding green buildings.

We have achieved success because we believe sustainability should be an everyday reality, not just a governmental policy.

Background - RELIABLE INSUPACKS PVT. LTD. (RIPL) a Greater Noida, UP based concern, began in 1995. While packaging products comprised 80% of the company's business, the company always had a strong presence in the building insulation segment.

Hence, **Reliable Building Solutions** was created in 2015 to focus on the insulation aspect of the construction industry as we had already successfully completed several projects for complete construction of fully insulated buildings with ICF (Permanent insulated concrete form work) based technology that reduces the energy consumption for heating or cooling by 70-80%.

Over the past years, we have developed energy saving and durable products for building insulation, with the highest degree of structural strength and low maintenance facade finish and design elements. We also provide application and installation services for these on Roof, wall and facade (as architectural trims & mouldings) on both new constructions as well as renovation of old. These are as below:

1. RELIABLE ICF – modular building blocks or formwork for construction of fully insulated (thermal resistivity R19) loadbearing, monolithic and disaster proof concrete walls. Click [HERE](#) to know more.
2. KOOLTILE – patented interlocking tiles for durable & monolithic insulation (thermal resistivity R-8 to R-15) over waterproof surface of RCC flat roof. To know more, click [HERE](#).
3. KOOLSHEET for EIFS - high density, self-extinguishing molded sheets for sloping and under deck roof and external wall application (R-Value from R-8 to R-18) along with façade finishing system. Click [HERE](#) to know more.
4. Architectural trims and building design elements made from lightweight molded EPS as per client's specified shape and size. To know more, click [HERE](#).

Our products have been tested and approved by GRIHA, BMTPC and Min. Of Housing & Urban Affairs and will be shortly included in CPWD's SOR.

The base material, Self-Extinguishing grade EPS, is shock absorbing, nontoxic, thermally stable with high insulation value and, at a low price. This does not degrade the environment, is completely recyclable, unaffected by termites, fungus or pests and hence has wide ranging uses, from packaging home appliances, storage & transport of vaccines, ice creams and other frozen perishables, to **permanent insulation of buildings for high energy saving and sustainable habitats.**

The government is now making all efforts to awaken the construction industry to adopt drastic measures to considerably reduce the 40% of total energy production that is consumed by buildings today.

Building specifications are being framed with designs for completely insulated walls & roof. And EPS is among the most commonly available, tried & tested, ideally suited materials for this purpose, besides being low cost. Recently, we have been approached by CBRI (Roorkee) to be an Industrial partner in CSIR-CBRI's R&D programme on Mass Housing to evolve appropriate solution for sustainable quality construction at affordable cost in India.

Having foreseen this trend several years ago, our company is now poised to ride this wave of high demand for fully insulated building construction as it not only saves energy but also time, labour & also money otherwise needed for investing in tons of heating / cooling equipment and regular repairs & maintenance against damage from weathering & thermal stress.

Over past 5 years we have invested almost 5 crores of rupees towards machinery and technology for development of a range of such suitable products, building our own applicator teams and awareness generation of same for a niche market.

Our plan is to take our construction related products to potential markets across all states in India and even to neighbouring countries like Nepal, Bhutan, Bangladesh, Myanmar, Sri Lanka and South East Asia.