

ZENOVA™ IP

THERMAL INSULATING PAINT





Technology working to reduce energy consumption and costs

THERMAL BARRIER WITH MINIMAL APPLICATION

Zenova IP thermal insulating paint embeds the most modern insulating technology in a thermos-like ultra-thin layer.

Zenova IP saves energy by increasing the thermal insulation level in buildings it is applied to. One of the benefits comes from its high solar reflectance properties, since solar heat can increase the temperature within a structure by 75% to 90%. Zenova IP has been independently tested and validated to deflect, absorb and dissipate up to 75% of this heat, thereby reducing the inside temperature by up to 45%!

Suitable for both exterior and interior, on any type of surface.



Stills from a demo video showing ice cubes in a heated frying pan that has been half coated with Zenova IP.



Flexible uses for controlling temperature

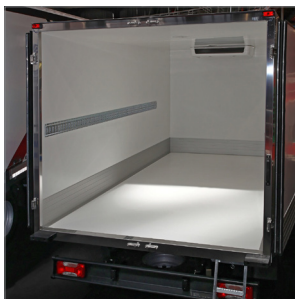
SAVING THROUGH INNOVATION

While there are obvious uses when applied internally and externally to buildings, the benefits achieved via the simple thin-coat application of Zenova IP are not limited to the construction sector.

The application of Zenova IP as an insulating barrier applied to the inside and outside of refrigerated compartments of all manner of commercial vessels will effectively help the transport industry move towards achieving new, lofty, efficiency goals - all while reducing the costs associated with refrigerated shipping.

Similarly, when applied to the rooftops of manufacturing and storage facilities, Zenova IP can greatly increase the efficiency of these spaces, offering an ever-increasing ROI as this one-time solution remains effective for years to come.

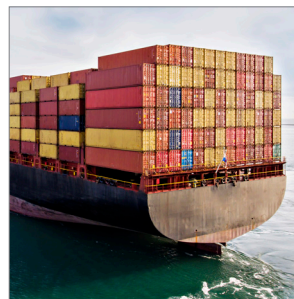
In addition to the energy savings realized from the application of Zenova IP, the lifespan of assets such as pipelines and storage tanks is extended considerably with built-in corrosion protection features.



Refrigerated
truck interiors



Factory
buildings



Shipping
containers



Piping



Mold Prevention

In addition to its thermal insulating properties, Zenova IP can be applied to interior walls and ceilings to eliminate mold growth. This not only enhances the appearance of a property but can also prevent mold growth going forward.

ZENOVA IP FAQ

- **Has Zenova IP been lab tested/verified?**

Yes, independent lab tests from different countries have been done to validate the performance of Zenova IP Insulating Paint and are available upon request.

- **Are there any transportation or storage requirements?**

The product does not require special transportation and storage conditions. Keep out of direct sun during transportation and storage. The temperature range for transportation and storage is between 5 - 35 degrees Celsius.

- **What is the recommended thickness of paint for Zenova IP?**

For most cases, the recommended thickness is 1.5mm. As a general rule, the larger the temperature difference between the 2 areas that are separated by Zenova IP, the thicker Zenova IP should be applied.

- **Can any primer be used?**

We recommend the use of Zenova primer prior to application.



Reasons to use Zenova IP

- Helps limit building efficiency losses in common areas
- May qualify homes and buildings for government grants
- Lowers heating costs in winter and cooling costs in summer
- Extends the life of any asset with excellent anti-corrosion and anti-mold properties
- Cost-effective and simple green approach to infrastructure improvements
- Fire resistant

★ FEATURES

- The thermal reflection of solar rays, including infrared radiation
- Proprietary thermal insulation retains internal heat by greatly reducing heat transfer
- Anti-condensation characteristics
- Needs only a thin layer; 1-3mm
- Excellent adhesion to any surface: metal, concrete, wood, glass etc
- Very easy application: with roller, brush or airless gun
- Eco-friendly, non-toxic, non-flammable, odorless
- Quick drying time
- Any colour available on request

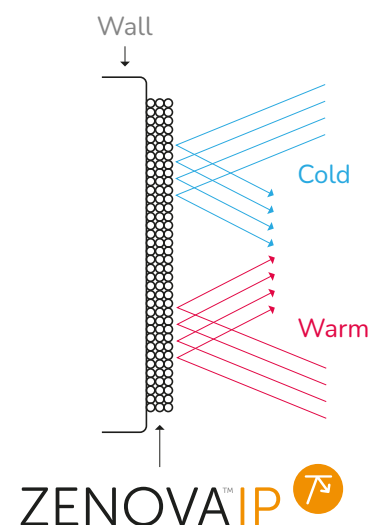
💎 BENEFITS

- Greatly reduced heating and cooling costs
- Extends substrate life by preventing condensation and corrosion
- Prevents mold growth
- Enhances appearance
- Protects from elements (salt, rain, wind, temperature fluctuations, chemical vapors)

Testing

Zenova IP has been independently tested to the following standards by multiple accredited testing agencies. (Reports available for download from the website.)

- ASTM C131, ASTM C1549, ASTM E1980
- BS EN 13823:2020
- EN 11925-2
- EN 13501-1: 2018



ZENOVATMIP 

Zenova IP offers substantial ongoing cost savings by reducing the energy demands of any building it is applied to.

The longer Zenova IP is in use, the larger the return on the investment into its application.

Governments around the globe are imposing a wide range of sweeping emission-reduction measures, paving the way for innovative technologies such as the application of Zenova IP insulating paint. Communities, businesses, and governments can more easily comply with new emission standards while also reducing energy consumption and associated costs by applying Zenova IP both inside and outside of buildings.

With global warming and the need, not the desire, to protect our only planet at the forefront of virtually every government's agenda, the time has never been better to apply Zenova IP as an additional measure towards achieving net zero emissions.



UK HEAD OFFICE

uk@zenovagroup.com

+44 (0)1277 288314

101-135 Kings House
Kings Road, Brentwood
Essex CM14 4DR
United Kingdom

CANADA OFFICE

canada@zenovagroup.com

+1.250.792.5210

300 March Road,
4th Floor, Kanata,
Ottawa, K2K 2E2
Canada

JAPAN OFFICE

japan@zenovagroup.com

+81907183174

#2F Ginza, Otake,
Bijidensu1-22-11
Ginza, Chuo-ku,
Tokyo-to 104-0061, Japan