



THERMAL INSULATING COATING





Technology working to reduce energy consumption and costs

THERMAL BARRIER WITH MINIMAL APPLICATION

Zenova IR thermal insulating coating can be used on its own or mixed with concrete and plaster for a render application to internal and external walls in commercial and residential buildings to provide immediate insulation benefits.



Instant efficiency improvements can be seen via thermal imagery.



Mold Prevention

In addition to its thermal insulating properties, Zenova IR can be applied to interior and exterior walls to prevent mold growth.

? ZENOVA IR FAQ

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

Yes, independent lab tests from different countries have been done to validate the performance of Zenova IR thermal insulating coating and can be downloaded online.

- **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 for Zenova IR?**

For most applications, the recommended thickness should be 5mm.

- **Can Zenova IR be used internally and externally?**

Yes, Zenova IR has been developed for both internal and external use. Using Zenova IR both internally and externally maximises the insulation benefits for both warm and cold climates.

A modern, two-story house with a light-colored exterior and large, dark-framed windows. The house is set against a clear blue sky. In the foreground, there is a gravel garden with several large, flat stepping stones. A small, dark, cylindrical object is visible in the gravel. The overall scene is bright and sunny.

“Any sufficiently
advanced technology
is equivalent to
magic.”

SIR ARTHUR C. CLARKE

Reasons to use Zenova IR

- Easily applied by any general contractor via trowel or by plaster spraying machine
- Can help buildings qualify for government energy efficiency grants
- Simple application & thin coat minimizes labour application costs
- Instant efficiency improvements
- Short and continuous ROI
- Fire resistant

★ FEATURES

- Proprietary thermal insulation retains internal heat by greatly reducing heat transfer
- Anti-condensation characteristics
- Excellent adhesion to exterior brick and concrete surfaces and plasterboard for internal use
- Very easy application with a trowel or by plaster spraying machine
- Eco friendly, non-toxic, non-flammable
- Odourless
- Quick drying time
- Any colour available on request
- No additional painting required

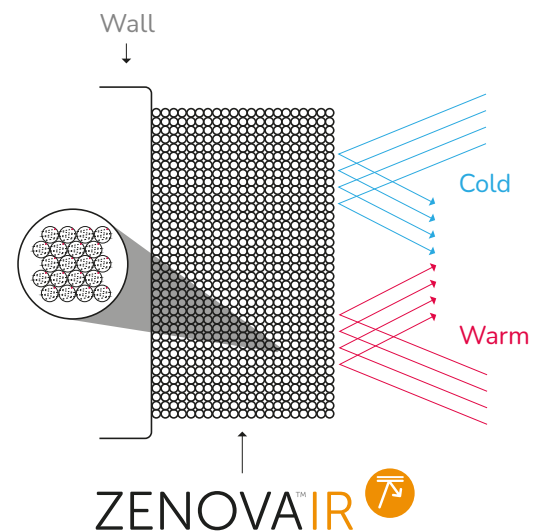
💎 BENEFITS

- Greatly reduced heating and cooling costs by up to 30%
- The most cost-effective way to improve insulation
- Extends substrate life by preventing condensation and corrosion
- Prevents mold growth
- Protects from elements (salt, rain, wind, temperature fluctuations, chemical vapours)

Testing

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

- ASTM C518-17
- EN 11925-2
- EN 13823
- Thermal Conductivity in compliance with ISO 22007-2



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

The longer Zenova IR 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 IR insulating render. Communities, businesses, and governments can more easily comply with new emission standards while also reducing energy consumption and associated costs by applying Zenova IR 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 IR as an additional measure towards achieving net zero emissions.



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