



Zenova IP is a thermal insulating paint that improves thermal management and saves energy for residential, commercial and industrial applications.

## FEATURES

- ✓ Reflects solar rays, including infrared radiation.
- ✓ Retains internal temperature by reducing heat transfer.
- ✓ Anti-condensation characteristics.
- ✓ Excellent adhesion to any surface: metal, concrete, wood, glass etc.
- ✓ Easy application with roller, brush or airless gun.
- ✓ Eco-friendly, non-toxic, non-flammable, odourless.

## BENEFITS

- ✓ Reduces heating and cooling costs by up to 30%.
- ✓ Reduces U-value and improves SAP score.
- ✓ Effective way to improve insulation with minimal disruption to property, users and equipment.
- ✓ Simple application & thin coat minimizes labour application costs.
- ✓ Aids in prevention of mould growth.

## SOLUTIONS



### HOUSING

Zenova IP offers a quick and easy solution to improve a property's insulation against both heat and cold, lowering energy costs.



### CONSTRUCTION

Zenova IP provides a short and continuous ROI and can help buildings qualify for government energy efficiency grants.



### INFRASTRUCTURE

Zenova IP presents a cost-effective and environmentally friendly approach to infrastructure improvements that can help to reduce carbon footprint.

## TESTING AND CERTIFICATION

A trial undertaken on a retrofit property by Liverpool John Moores University successfully demonstrated that applying just 1mm of Zenova IP provided the following improvements:

- » Upgraded the EPC rating from E to D
- » Reduced heat energy consumption by over 25% thus lowering fuel bills
- » Reduced U-value by 35%
- » Reduced building CO<sub>2</sub> carbon emissions by 19%
- » Improved SAP score by 24 points

Zenova IP has been independently tested by multiple accredited testing agencies to the following standards:

ASTM D4803

Zenova IP dramatically reduces heat build-up on steel surfaces.

ASTM C1371, ASTM C1549, ASTM E1980

Zenova IP has a high solar reflectance and high thermal emittance.

EN 13501-1: 2018

0.5mm of Zenova IP on plasterboard achieved a fire classification: B – s1, d0.

BS EN 13823:2020

Zenova IP made the plasterboard fire resistant.

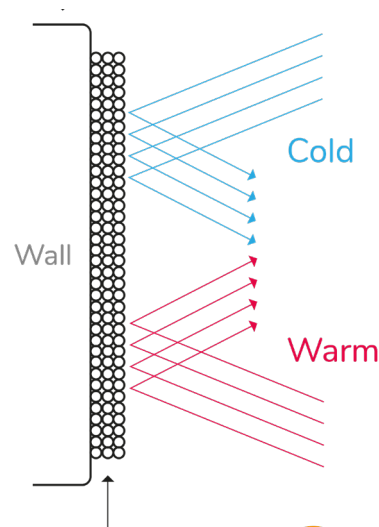
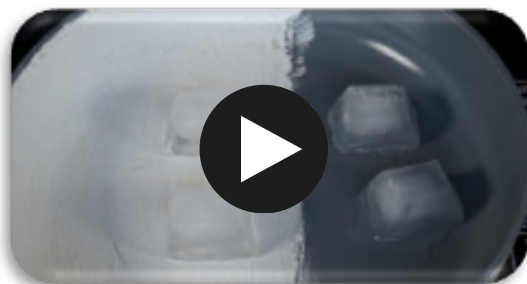
BS EN 11925-2

Zenova IP does not enhance flame spread.

## HOW DOES ZENOVA IP WORK?

Zenova IP embeds a thermos-like ultra-thin layer, creating a coating that is able to deflect, absorb and dissipate both heat and cold.

See it in action:



ZENOVA™ IP 