



IRSP

ECOTECH

CFC FREE HIGH DENSITY FOAM INJECTION

**THE
'ECOLOGICAL'
SOLUTION**

IRSP

INSULATED
ROLLER SHUTTER
PRODUCTS

IRSP

IRSP have a reputation for quality, innovation, unrivalled design capability and the most extensive range of roller shutter products available in the UK.

The latest technical innovation from IRSP is a high density rigid EcoTech foam injection filling that is CFC free and ODP zero, and just as importantly has a low Global Warming Potential value of 3. The highly efficient insulating material is being incorporated into various products from IRSP's range of roller shutters to make them even more impressive.

The thermal conductivity is lower thanks to the high density, closed cell nature of the EcoTech foam. This is one of its most important properties, making it a very effective insulation solution.

The benefits of high quality thermal insulation are well ranging and extremely versatile. Improved energy efficiency has a very positive effect on the environment in terms of lower green house gas emissions, while also providing the consumer with reduced energy bills.

The EcoTech foam insulation is self bonded to the metal during the injection process, giving the completed panel a remarkable mechanical strength, ensuring a significant increase in rigidity and improving its structural integrity.

IRSP is a name synonymous with the highest quality roller shutter door products.



The difference . . .

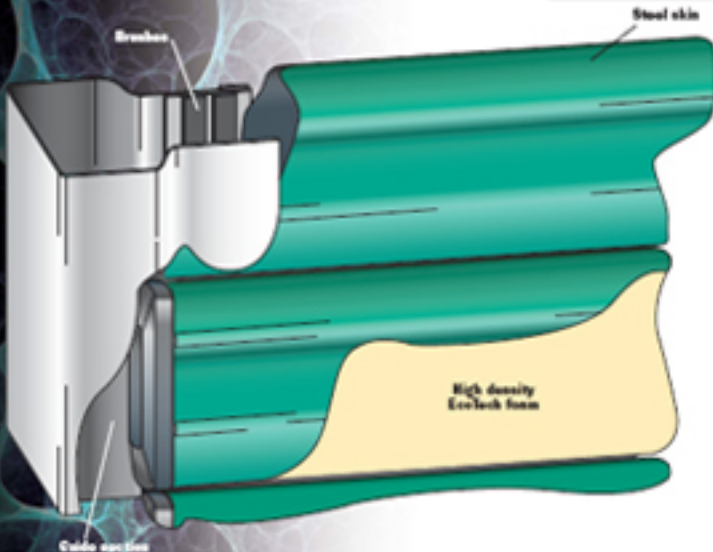
A double skin shutter with cheap polystyrene insulation in the void between the two skins, offers a secure, reliable door but with minimal energy efficiency capabilities. The door offers an improvement in energy efficiency over a door with only a void between the two skins.



A double skin shutter with foamed high density polystyrene insulation in the void between the two skins offers a secure, reliable door with adequate energy efficiency capabilities. The door offers an improvement in energy efficiency over a door with cheaper, poorly fitting polystyrene between the two skins.



Our range of improved double skin shutters with the right EcoTech formula foam injected into the void between the two skins gives rise to incredibly strong, compressive and shear resistant doors which have a high energy saving efficiency that all other doors. The integrity of the door is also strengthened by the injection of the EcoTech formula foam as well as dramatically increasing energy efficiency.



The EcoTech formula foam . . .

- Is CFC free/ODP zero.
- Has a low Global Warming Potential value of 3.
- Has very low thermal conductivity resulting in lower green house gas emissions and the potential for reduced energy bills for the consumer.
- Is an extremely effective insulation solution.
- Has high compressive and shear resistance.
- Means that 25mm of rigid EcoTech foam is the equivalent of 40mm of conventional polystyrene insulation.
- Injection process permanently bonds the EcoTech foam to the metal, giving the finished product a remarkable mechanical strength.

Activa
EcoTech

EcoTech foam is available on these products:



Manufactured by

IRSP

A division of Macropack Services Ltd

Supply of constant research and development allow IRSP to offer tailored design options and verified product performance. All IRSP products have undergone rigorous testing to make sure that they not only pass, but exceed current industrial standards.

IRSP

PRODUCT RANGE

Why not choose one of the high quality products in the IRSP range



SECUREFLEX

IRSP Secureflex dramatically increases the amount of time a burglar, using high speed cutting equipment, has to spend entering the building. Secureflex offers complete protection for your stock, increases your security and could lower your insurance premiums.



INSUFLEX

Insulated shutters suit a wide variety of applications, from small security shutters to large warehouse openings, where energy efficiency and a high level of security is required.



FIREFLEX

Designed for openings where fire protection, as well as protection from rising temperatures is required. It has the ability to protect either side of the opening from flammable and combustible material.



SPEEDFLEX

The high speed, speedflex 550 is the most economic solution for frequently used building access, combining security with speed, in just one construction.



STEELFLEX

A simple design, and minimum number of components, offering an efficient, easy to install solution for your door seal repairs.



PRODUCT TESTING

Now, through extensive laboratory and workshop testing combined with exhaustive safety analysis, we can demonstrate that our products satisfy the legal, safety & performance requirements of the various directives, and are therefore approved for use in all European member countries.



COMPONENTS

All IRSP doors and components are manufactured under a rigid in-house quality programme to provide customer satisfaction. All equipment carries a warranty against defects in material and workmanship.