

Energy Savings Sheet: Insulation

2EA have produced this sheet to identify areas of potential energy savings. It consists of notes and checkpoints that can be used by managers to help reduce overall energy consumption.

Notes

- Reduce draughts on all windows and doors.
- Use automatic door closures.
- Consider improving insulation levels with refurbishment.
- Ensure pipes and valves are effectively insulated.

Checkpoints

Have you sealed door and windows?

- ✓ Sealing doors and windows using self-adhesive draught excluders is an inexpensive way of minimising air infiltration and can reduce around 10% of heat loss.

How much heat is your entrance door losing?

- ✓ Entrance doors can add substantially to heat loss. Ensure external doors have automatic closures.
- ✓ At busy doorways, consider fitting a draught lobby or porch.
- ✓ Plastic strip curtains reduce heat loss and create a visual security barrier at loading bays and service doors yet still allow easy access.

Is your warehouse temperature controlled?

- ✓ If so, fitting docking seals reduces heat loss and helps combat the ingress of dust, maintaining product quality.

Do your roller shutters minimise heat loss?

- ✓ Rapid roller shutters reduce loading bay heat loss by automatically opening and shutting using presence detectors, causing little inconvenience to deliveries.

Have you checked for cavity walls and roof voids?

- ✓ These may be insulated cost effectively with little disturbance to commercial activities reducing heat loss by up to 35%.

Are you refurbishing?

- ✓ Refurbishment offers great potential for upgrading insulation levels of factory roofs metal clad buildings.
- ✓ Internal linings can drastically reduce heat loss in winter and improve working conditions throughout the year by helping to limit excessive summer temperatures.



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