

HOLDFIRE

DESCRIPTION

Holdfire is a non-combustible foam that is pumped into the floor cavity to give fire resistance to timber floors.

PROPERTIES

Holdfire is fully tested to meet British Standards criteria and is approved by the authorities to give fire resistance of 1 hour.

Holdfire is mixed on site into a foam, which is then pumped into the space between floorboards and ceiling. It sets hard to form a lightweight honeycomb infill which bonds itself to the rough sides of the joints and is further held in place by installed metal brackets.

The system only requires working from the upper surface so that all existing ceilings remain intact. There is no disruption from the underside.

Access to the cavity is achieved by lifting floor boards at one metre intervals.

BENEFITS

- Existing ceiling, coving and fittings retained.
- Installed in one operation.
- Completely out of sight.
- Quick to install.
- Minimum disruption – only a few floorboards per room need to be lifted.
- No work required in ground floor rooms.
- No need for re-plastering.
- May be installed while property is occupied.
- Fully tested and approved.
- On completion of the installation a Certificate of Supply will be issued by the Approved Contractor.

ADVANTAGES

In a fire, original lath and plaster ceilings and covings burn away within 10 to 20 minutes, leaving joints and floorboards exposed to fire and total collapse of the floor soon follows.

With **Holdfire** Foamed Perlite installed, the floor is protected even when the ceiling and covings have burnt away. The Foamed Perlite is retained in place during a fire leaving only narrow strips of joist exposed and the structure is protected.

COMPATIBILITY

Holdfire Foamed Perlite is compatible with most building materials except aluminium and rubber.

When used for upgrading the fire resistance of timber floors, all electric cables coming into contact with the product should comply with IEE Regulations and should be PVC covered. Service pipes in contact with the product are not subject to chemical attack.

SURVEY AND INSTALLATION

Prior to installation our approved contractors will undertake a thorough property survey.

THE CAVITY

The cavity under the floorboards should be free of obstructions. Infill pugging or rubble may have to be removed before **Holdfire** Foamed Perlite is installed.

THE JOISTS

The joists must be free from rot or insect infestation. They must also be strong enough to carry the marginal increase in load.

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LATH & PLASTER CEILINGS

The ceiling below the cavity should preferably be lath and plaster and be in good condition. Where **Holdfire** Foamed Perlite is to be used with plasterboard ceilings it may be necessary to apply a sealer or polythene membrane as a moisture barrier.

FLOOR DESIGN

Standard timber floor constructions are easily filled with **Holdfire** Foamed Perlite. In buildings where the floor design differs from 'standard', for example where there is one set of joists for the floor with a separate set for the ceiling, cross bracing, herringbone strutting or steel beams, installation can be still proceed but special considerations are necessary.

QUALITY CONTROL

All products are factory blended, tested and packaged to quality control procedures in accordance with BS EN ISO 9001 Series.

HEALTH AND SAFETY

See separate data sheets reference 84/11A, 84/11AA and 1/A.

PACKAGING & STORAGE

Holdfire is available in nominal 25kg sacks, palletised and shrink- wrapped. Alternative packing may be available upon request.

Palletised **Holdfire** should be stored in cool dry areas clear of the ground sheeted, or under cover and stacked not more than 2 pallets high.

The product should be used on a first in – first out basis.

Shelf life is minimum 3 months when properly stored but could be in excess of 6 months subject to temperature and humidity.

INFORMATION PRICES & ORDERING

For ordering contact: 01283 550060.

Fax: 01283 550486.

For all other enquiries contact: 01283 554800.

NB: Please give not less than 48 hours notice.

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