



Reducing the risk of injury to personnel as a result of falls from height involves minimising kinetic energy. When a person's body is falling it has a certain amount of kinetic energy, after the impact when the person comes to a complete stop he has zero kinetic energy. To minimise risk of injury, it is desirable to remove the kinetic energy as slowly and as evenly as possible...

**...Fall-Pac Modular Impact cushioning system helps do this.**

- **Light weight with tough, durable weather resistant outer casting**
- **Fastening mechanism quick and easy to use**
- **No maintenance required**
- **Fully tested through HSL**
- **Flame resistant to ignition sources 0, 1 & Crib 5**
- **Manufactured to ISO 9002**
- **Collection and recycling service**
- **Low coverage cost per square metre**
- **High impact absorbency**
- **Outer AND Inner material flame retardant**

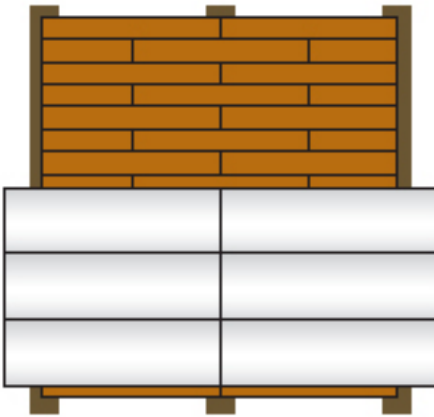


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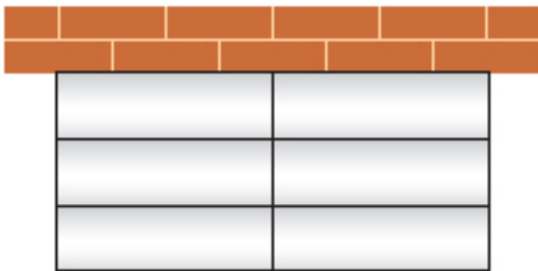
## Installation

Simply locate the Fall-Pac's in desired position and interlock using the fastening devices. See diagrams for examples of illustration.



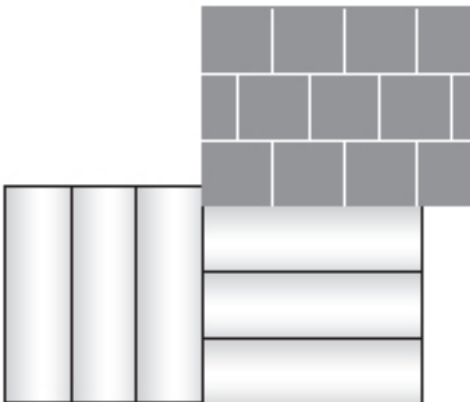
### 1. Joists or raised beams:

Should be suitably boarded prior to installation



### 2. Adjacent to elevated surfaces:

Run Fall-Pac's parallel with surface



### 3. Corners of elevated surfaces:

Run Fall-Pac's parallel with both sides extending one past the other

## Description

The Fall-Pac construction consists of a tubular polypropylene outer casing fitted with interlocking fastening devices containing treated impact absorbing material. Each Fall-Pac weighs approximately 6 kilos and can be installed quickly and simply in applications throughout industry

## Coverage & Performance

Each Fall-Pac has a length of 2.5m and a diameter of 0.644m, this gives a true surface coverage of 1.61 sq. metres making installation quick and large areas easy to cover. Half-Pac's (length 1.25mtrs) are available to optimise coverage. Due to the unique design each Fall-Pac maintains its high impact absorbency as a single unit, this results in a consistent high performance installed system.

## Impact Testing

The Fall-Pac modular impact cushioning system has been fully independently tested to Health & Safety Laboratories who carried out over 30 impact tests recording an average impact force to the Head and Spine of 6.475(g) for an average duration of 1.34(ms) using a 95th percentile male anthropomorphic dummy from heights up to and including 2.8 metres.

## Fire Testing

The Fall-Pac modular impact cushioning system has been fully tested for resistance to flammability using British standard ignition sources adopted from BS 5852.

Ignition Source 0 = Cigarette

Ignition Source 1 = Match

Ignition Source 2 = Calorific value of five rolled up sheets of newspaper

## Surface Coating

The main body of the Fall-Pac is treated with a special surface coating which gives many advantages including reduction of water ingress, increased impact absorbency and increased anti-soiling properties.

## Storage

It is recommended when the Fall-Pac's are not in use they are stored out of harms way and protected from the elements.

## Disposal

When the customer requires disposal of the Fall-Pac's we can arrange collection and recycle them. This option eradicates expensive waste disposal costs for the Customer and reduces the effects on the environment.

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