

# GENERATION

## Fall Pac User Guide

LW/05.19

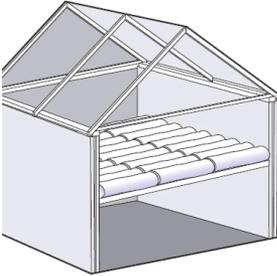


GENERATION  
HIRE & SALE  
SCAFFOLDING  
ACCESS  
GROUNDWORKS

Generation UK Ltd  
Trinity Street, Off Tat Bank Road,  
Oldbury, West Midlands, B69 4LA  
Tel: 0800 779 7113  
Email: [enquiries@generationuk.co.uk](mailto:enquiries@generationuk.co.uk)  
[www.generationuk.co.uk](http://www.generationuk.co.uk)

# Introduction

Fall-Pac units are a means of mitigating the effects of a fall from height, but all possible steps should be taken to prevent that fall occurring in the first instance. Whilst the bags are a relatively simple method of providing a surface that can absorb much of the impact, they must be carefully controlled to avoid misuse or deterioration. They should be handled with care at all times, and only used for safety purposes. The installation example shown is typical of a housing construction project to protect workers installing roof trusses. However Fall-Pac units are intended for use in any suitable environment to protect against the effects of falls from height.



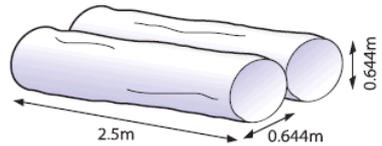
However it is important that there are no obstructions that can be struck in the event of a fall. Fall-Pac units may not be suitable in providing safe solution in these circumstances.

# Specification

The Fall-Pac system units are 2.5 metres in length x 644mm diameter.

Outer Material: woven coated polypropylene bags.

Inner Material: Directly filled with modified polystyrene packaging medium.



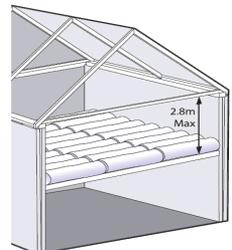
# Preparation and Inspection

It is particularly important to inspect the units on a regular basis, specifically before each re-use: Ensure that there are no cuts or rips, or unfastening of the elements and check there is no spillage of the contents of any unit. Any unit, which has lost any part of its contents, should be isolated and not used.



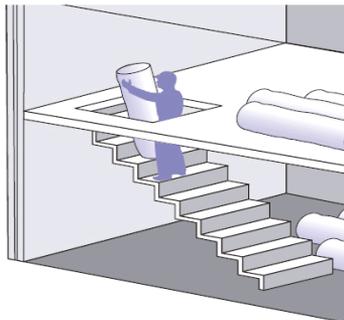
Any unit that is abnormally compressed should be isolated and not used. Check that the height of fall does not exceed a maximum of 2.8 meters. Ensure that the positioning of the units fully fills the enclosure required.

The support to each unit should be sufficient to bear the impact of a fall. The storage of units should not permit the build up of mildew or moisture that could cause deterioration in the product.

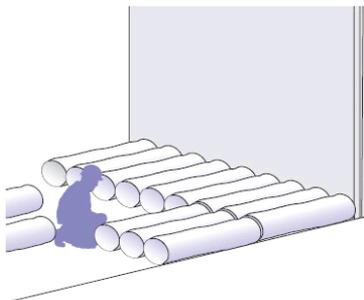


## Ground Floor Installation

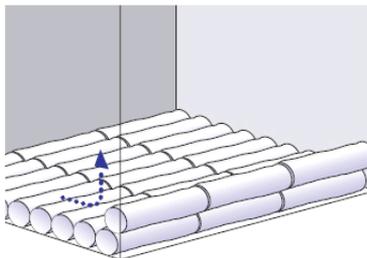
Working from one corner, clip and push units together to form a complete connected unit. All clips should be fastened except those on the perimeter.



Where the area to be covered by the final row of units, allow the unit to curve up the perimeter wall alternatively over lap the units ensuring the area is covered. If it is likely that falling mortar may occur, covering and protecting the clips will reduce the maintenance required.



If any materials should fall from above that could result in injury in the event of a fall, ensure that it is removed as quickly as possible.



Once first floor joists are fixed and brickwork is commenced. The units can be used for protection on the first floor by passing them through the stairwell opening. The stairwell should be covered at all other times.

## Installation at First Floor Level

You should always work from a safe working platform. Install scaffold boards or similar (e.g. suitable plywood) directly onto the joists at right angles to the joists. The units can then be deployed in a similar manner to that on ground floor installation.

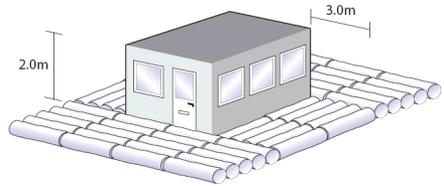
Consideration should be given to the moving and handling of the units into position, either from the exterior scaffold or internally, to minimize the risk of manual handling risks, or any risk of falls through openings such as stairwells.

# Elevated work surface Installation

## Preparation and Inspection

It is particularly important to inspect the units on a regular basis, specifically before each re-use:

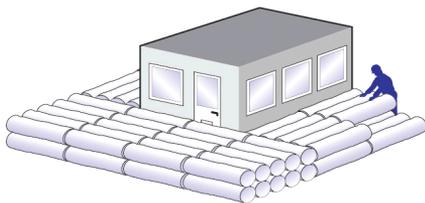
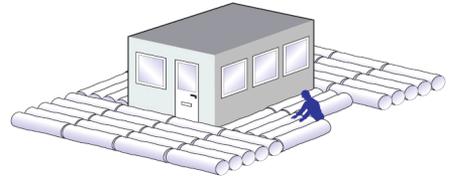
- Ensure that there are no cuts or rips, or unfastening of the elements and check there is no spillage of the contents of any unit. Any unit which has lost any part of its contents should be isolated and not used.
- Any unit that is abnormally compressed should be isolated and not used.
- Check that the height of fall does not exceed a maximum of 2.8 meters.
- Ensure that the positioning of the units is flush with the edge of the elevated surface.
- Ensure there is sufficient coverage to protect the potential fall area.
- The projection distance out from the elevated surface is calculated at height of potential fall plus 1 metre.
- The storage of units should not permit the build up of mildew or moisture that could cause deterioration in the product.



Working from one corner, to form a complete row parallel with the side of the elevated surface.

Repeat with the next row ensuring all clips are fastened repeat this until desired coverage is achieved typically five units will suffice for a two metre potential fall hazard.

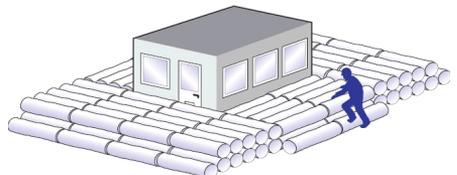
Repeat along the other sides of the elevated surface and clip and push units together with the units already installed to create a completely interconnected surface.



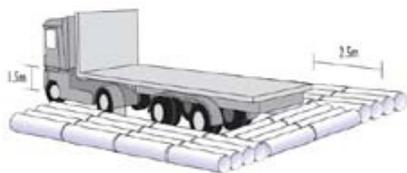
To reduce height of the potential fall multiple layers of units can be installed by repeating the installation method on top of the first layer, each additional layer reduces the potential fall by 644mm.

If any materials should fall from above that could result in injury in the event of a fall, ensure that it is removed as quickly as possible.

Should multiple layers be required it is advisable to add an extra single layer of units around the perimeter of the installation to prevent injury to personnel dismounting the units.



# Flat Bed Trailer Installation

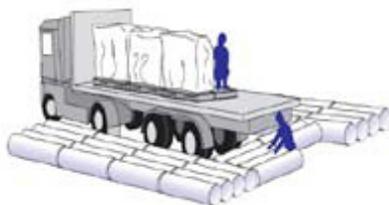


Working from one back corner, clip and push units together to form a complete row parallel with the side of the trailer.

Repeat with the next row ensuring all clips are fastened repeat this until desired coverage is achieved typically four units will suffice. Repeat along the other side of the trailer.

To install at rear of trailer to give complete protection working from the centre of the trailer clip and push units together to form a complete row parallel with the rear of the trailer.

Repeat with the next row ensuring all clips are fastened repeat this until desired coverage is achieved again typically four units will suffice.



If any materials should fall from above that could result in injury in the event of a fall, ensure that it is removed as quickly as possible.

Should access for Forklift trucks be required the units can be arranged in varying formations to accommodate this.

## Safety

The Fall-Pac units have a recommended life of five years. Although depending on use and care of units this can be exceeded. Fall-Pac systems are designed for the purpose of reducing the risk of injury in a fall from height, and should only be used to reduce this risk during accidents.

## Important Information

You must read all relevant guides, instructions and notices prior to installing Generation Hire & Sale products and must comply with all warnings. Generation Hire & Sale will not be liable for any damage to property, personnel injury or any losses caused by your failure to follow the instructions contained in this guide or with other applicable notices and guidance that Generation Hire & Sale produces. This guide is intended only for use in conjunction with Fall-Pac products.

Generation Hire & Sale reserves the right to alter products from time to time to comply with new regulations, other safety guidance's or industry advancements. By mixing Generation Hire & Sale will not be liable for any loss or damage caused as a result. Generation Hire & Sale reviews and updates its user guides from time to time in line with changes in legislation. Generation Hire & Sale also issues safety notices on its products or packaging from time to time. These notices could affect the manner in which the products are used and should therefore adhere to the instructions contained in those notices as well as the user guides where there is a conflict. Most recently published instructions should prevail.

Notices will be issued or published on the Internet at [www.generationhireandsale.co.uk](http://www.generationhireandsale.co.uk)

Hire and Sale Branches Freephone:  
**0800 779 7113**

### **Birmingham (West)**

Trinity Street Off Tat Bank Road,  
 Oldbury, West Midlands, B69 4LA  
 T: 0121 544 3355 F: 0121 544 3131  
 E: [birmingham@generationuk.co.uk](mailto:birmingham@generationuk.co.uk)

### **Birmingham (East)**

87-93 Amington Road, Birmingham,  
 West Midlands, B25 8ET  
 T: 0121 706 0000 F: 0121 706 9832  
 E: [birminghameast@generationuk.co.uk](mailto:birminghameast@generationuk.co.uk)

### **Bristol**

Unit 7, 12-16 Foundry Lane, Fishponds,  
 Bristol, B55 7UE  
 T: 0117 972 4550 F: 0117 972 4502  
 E: [bristol@generationuk.co.uk](mailto:bristol@generationuk.co.uk)

### **Cardiff**

Martin Road, Tremorfa Industrial Estate  
 Cardiff, CF24 5SD  
 T: 029 2046 3835 F: 029 2046 3246  
 E: [cardiff@generationuk.co.uk](mailto:cardiff@generationuk.co.uk)

### **Edinburgh**

4 Westerton Road,  
 East Mains Industrial Estate, Broxburn,  
 West Lothian, EH52 5AU  
 T: 01506 863 864 F: 01506 863 916  
 E: [edinburgh@generationuk.co.uk](mailto:edinburgh@generationuk.co.uk)

### **Frimley (West London)**

22-30 Sturt Road, Frimley Green  
 Camberley, GU16 6HY  
 T: 01252 838 696 F: 01252 837 614  
 E: [frimley@generationuk.co.uk](mailto:frimley@generationuk.co.uk)

### **Gateshead**

Stonegate Lane, Abbotsford Road,  
 Felling, Gateshead, NE10 0EX  
 T: 0191 469 7504 F: 0191 469 8237  
 E: [gateshead@generationuk.co.uk](mailto:gateshead@generationuk.co.uk)

### **Glasgow**

Duchess Road, Rutherglen  
 Glasgow, G73 1AU  
 T: 0141 647 6969 F: 0141 647 5851  
 E: [glasgow@generationuk.co.uk](mailto:glasgow@generationuk.co.uk)

### **Grays**

Europa Business Park, Magnet Road,  
 Grays, Essex, RM20 4DB  
 T: 01375 312 120 F: 01375 386 844  
 E: [grays@generationuk.co.uk](mailto:grays@generationuk.co.uk)

### **Leeds**

Unit 2 Ledger Park, Haigh Park Road,  
 Stourton, Leeds LS10 1RT  
 T: 0113 277 8822 F: 0113 277 7545  
 E: [leeds@generationuk.co.uk](mailto:leeds@generationuk.co.uk)

### **London (East)**

Unit H, Hangman's Wood Ind Park,  
 Stifford Road, South Ockendon,  
 Essex, RM15 6RL  
 T: 020 7473 6056 F: 01708 858 493  
 E: [london@generationuk.co.uk](mailto:london@generationuk.co.uk)

### **Newcastle**

Forward House, Portobello Road  
 Portobello Industrial Estate, Birtley,  
 Tyne and Wear, DH3 2SN  
 T: 0191 492 1190 F: 0191 411 1148  
 E: [newcastle@generationuk.co.uk](mailto:newcastle@generationuk.co.uk)

### **Northampton**

Kingsfield Way, Dallington,  
 Northampton, NN5 7QN  
 T: 01604 580 444 F: 01604 580 487  
 E: [northampton@generationuk.co.uk](mailto:northampton@generationuk.co.uk)

### **Salsburgh**

Duntilland Road, Shotts, Salsburgh,  
 North Lanarkshire, ML7 4NZ  
 T: 01698 870 200 F: 01698 870 159  
 E: [salsburgh@generationuk.co.uk](mailto:salsburgh@generationuk.co.uk)

### **Stockport**

Unit 4 Vauxhall Industrial Estate,  
 Greg Street, Reddish,  
 Stockport, SK5 7BR  
 T: 0161 477 0131 F: 0161 477 7618  
 E: [stockport@generationuk.co.uk](mailto:stockport@generationuk.co.uk)

### **West Thurrock (East London)**

4 Riverside Ind. Park, Oliver Road,  
 West Thurrock, RM20 3ED  
 T: 020 7476 4760 F: 020 7476 3157  
 E: [westthurrock@generationuk.co.uk](mailto:westthurrock@generationuk.co.uk)

### **Widnes**

Pitt Street, West Bank, Widnes,  
 Cheshire, WA8 0TG  
 T: 0151 420 3331 F: 0151 495 2298  
 E: [widnes@generationuk.co.uk](mailto:widnes@generationuk.co.uk)

---

### **Altrad Training Services**

Unit 20B Greens Industrial Park,  
 Calder Vale Road, Wakefield, WF1 5PH  
 T: 01924 370 640 F: 01924 377 530  
 Freephone: 0800 587 5224  
 E: [training@altraduk.co.uk](mailto:training@altraduk.co.uk)

---

### **Generation Export**

Trinity Street, Off Tat Bank Road  
 Oldbury, West Midlands, B69 4LA  
 T: +44 (0) 121 543 2964  
 E: [export@generationuk.co.uk](mailto:export@generationuk.co.uk)

---

### **Generation UK Head Office**

Trinity Street, Off Tat Bank Road  
 Oldbury, West Midlands, B69 4LA  
 T: 0121 543 2950 F: 0121 543 2953  
 E: [enquiries@generationuk.co.uk](mailto:enquiries@generationuk.co.uk)

 GROUNDWORKS



GENERATION UK Ltd  
 Generation Head Office, Trinity Street, Off Tat Bank Road, Oldbury, West Midlands, B69 4LA - United Kingdom  
 Tel. 0121 543 2950 - Fax. 0121 543 2953 - enquiries@generationuk.co.uk  
[www.generationuk.co.uk](http://www.generationuk.co.uk)