



Product name	Pipebloc EL
Product Code	EL
Revision Date	15/11/2016
Revision number	03
UIC	EL



INTRODUCTION

The purpose of this document is to give guidance to approved contractors and suppliers who are engaged in the fire stopping of service penetrations in walls and floors using the Pipebloc EL System.

All service holes through floors and compartment walls must be fire stopped to prevent the passage of fire, smoke and hot gases.

The result of this work will: -

- Prevent the spread of fire, smoke and hot gases through a building by containing it in the compartment of origin.
- Maintain the integrity of escape routes from a building.
- Reduce loss or damage to property from the effect of fire and smoke.
- Maintain pressure differential between compartments and ventilation channels.













TRAINING

FSi supports Third party installer certification, all operatives to be engaged in the installation of Pipebloc EL must have read and fully understood product documentation from FSi Ltd. All installation work must be carried out in accordance with the guidelines laid down in this document.

Training facilities are provided by FSi Technical Department to ensure the correct installation procedures are followed to the approved Pipebloc EL specification, also to maintain a high standard of workmanship and quality.



TOOLS AND EQUIPMENT

	Steel Tape Measure - 2 Metre minimum
	Cartridge Gun
	Carpenters Pencil & Straight Edge
	Masking Tape
	All Purpose Saw
	Hand Brush & Dust Pan
	Bread Knife
	Plastic Sheeting
	Float
	Pallet Knife



PREPARATION FOR INSTALLATION

Ensure that all service penetrations are complete and installed and approved to the satisfaction of the main contractor/client.

Remove all unnecessary combustible materials from the opening. Using a dust pan and brush, sweep all loose products from the inner surface of the opening and surrounding local to the installation.

Place a plastic sheet beneath the working area to catch any falling materials.

If necessary remove any insulation or lagging from air ventilation ducts and pipes to ensure a good seal with the Pipebloc EL System.



INSTALLATION OF PIPEBLOC PWP

- Make sure that you have cleaned the substrate ready for use
- Once the substrate is clean wrap the Pipebloc EL around the pipe the required times (see table below)
- Install the wrap into the wall leaving 5mm from the edge
- Make sure that 2 wrap is used in the installation sealing both sides
- Fill the annular gap with Pyrocoustic Sealant to seal off the 5mm up to the eadge of the substrate
- Maintain an record of installation

Pipebloc EL Wrap Configuration for up to 120mins		
Outer Pipe Dia mm	No. Wraps	Thickness
40	1	2
55	2	4
63	2	4
75	2	4
82	2	4
90	3	6
110	3	6
125	4	8
160	4	8
200	5	10

Pipebloc EL Wrap Configuration for Metallic pipes wrapped with various insulation types for up to 120 mins		
Insulation Type	No. Wraps	Thickness
Phenolic Foam	2	4
Elastomeric Foam	2	4
Glass Wool	2	4
Stone Wool	2	4

