



# Conlit® LITE Firestop Compound

Firestop solution for cable, pipe and duct penetrations



Conlit LITE Firestop Compound is used to provide a fire resisting seal around service penetrations in fire rated walls and floors.

## DESCRIPTION

Conlit LITE Firestop Compound is a specially formulated gypsum-based compound, which is mixed with water to be trowelled or poured around service penetrations.

## ADVANTAGES

- Inhibits smoke
- Acoustic barrier
- Suitable for sealing around most types of service penetrations
- Load bearing capability
- Simple installation
- No smoke emission
- Unaffected by humidity

## APPLICATIONS

- Re-instating the fire resistance of floor constructions
- Floor penetrations

## PERFORMANCE

### Fire Performance

Conlit LITE Firestop Compound has been independently tested for floors.

Conlit LITE Firestop Compound offers up to 240mins protection for both Integrity and Insulation in masonry/concrete walls or concrete floors.

Plastic pipework must be protected with either Conlit Pipe Collars or Conlit Intumescent Pipewrap Roll.

## PRODUCT INFORMATION

Property	Description
Pack size	20kg bag
Fire resistance	Up to 4 hours*
Compressive Strength	6.5N/mm <sup>2</sup> to BS EN 12390-3:2002

## STANDARDS AND APPROVALS

Certificate
Conlit LITE Firestop Compound has been tested to BS 476: Part 20 : 1987



## Fire stopping: Section 1 - Penetration seals

### INSTALLATION

#### Floor installations

In floors, a permanent shuttering made from 100mm ROCKWOOL slab (minimum density 60kg/m<sup>3</sup>) is cut and friction fitted between services and the edges of the floor slab. Mixed the Conlit® LITE Firestop Compound with water to a ratio (water:compound) of 1:3 for floor to produce a plaster like mortar. Pour around the service penetrations to the thickness required. The setting time will vary from between half to an hour, depending on the ratio mix.

#### Installation instructions – floors

1. Mix a bag of compound to 10 litres of water (3:1) by volume. Vary to suit site conditions.
2. Set the shuttering into the opening ensuring a tight fit so that once the required depth of compound is installed it finishes flush with the floor slab/screed unless otherwise specified.
3. Mix and pour compound until the required thickness is achieved.

#### Coverage

Thickness of compound (mm)	Number of bags/m <sup>2</sup>
25	1.4

*The above calculations are approximate and based on 20kg bags.*

*The coverage rates shown do not take into account the area of service penetrations within the aperture.*

Installation of any fire stopping product should be carried out in accordance with the manufacturer's recommendations. Please consult to **ROCKWOOL Technical Solutions Team** for more details.

