



# Conlit® LITE Firestop Compound

Fire stop compound for reinstating the fire performance of wall and floor constructions

Conlit LITE Firestop Compound is a specially formulated gypsum-based mortar, which is mixed with water to create a workable range from stiff to pourable mix.

- Suitable for use with multiple service penetrations
- Acoustic barrier
- Effective smoke seal
- Rapid setting



As part of the comprehensive Conlit range of fire protection products, Conlit LITE Firestop Compound is used to provide a fire resisting seal around service penetrations in fire rated floors.

Tested to BS 476 Part 20:1987, Conlit LITE Firestop Compound provides up to 4 hours\* fire resistance.

*\*Subject to the application*

# Conlit® LITE Firestop Compound

## PERFORMANCE

Conlit LITE Firestop Compound has been independently tested for use in floor and wall. It is used to provide fire rated seal around service penetrations in fire rated wall and floor. Penetration services include steel pipe, cables, cable tray and trunking. For further advice on specific applications and fire performance, please contact **ROCKWOOL technical solutions team**.

## PRODUCT INFORMATION

Property	Description
Description	Red free flowing powder
Pack Size	20kg bag
Density	1120kg/m <sup>3</sup>
Compressive strength (BS EN 12390-3:2022)	6.5 N/mm <sup>2</sup>
Fire Resistance	Up to 4 hours*
Expected Shelf Life	12 months (When stored in accordance with the packaging instructions)

*\*Subject to the application*

## STANDARDS AND APPROVALS

Certificate
Conlit LITE Firestop Compound has been tested for resistance in accordance with BS 476 Part 20:1987.

# Conlit® LITE Firestop Compound

## INSTALLATION

Prepare form work and fit between services and the floor slab or use 50mm thk as form work. Allow a depth from the top of the form work to the top of the floor slab to be same as the thickness required as shown in table below.

Mixed with water to a ratio (water: compound) of 1:2.5 for wall and 1:3 for floor to produce a plaster like mortar. During mixing, powder should be added to water and **NO** other ingredient (such as sand, etc) should be added to the mixing. Adding other ingredient will affect the performance of the Fire Stop.

Pour the mixing around the service penetrations to the thickness required and trowel smoothly to smooth-en the surface of the seal. The setting time will vary from between half to an hour, depending on the ratio mix.

Remove the form work if it is combustible form work (such as plywood) after the combustible form work (such as mineral wool) is used, it is not necessary to remove the form work.



## PENETRATION SEAL – INSTALLATION THICKNESS

Fire Rating:	Backing Materials	Conlit® LITE Firestop Compound
Up to 2 Hours	60kg/m <sup>3</sup> ROCKWOOL Thermalrock® S(Slab)	25 mm
Up to 4 Hours	100kg/m <sup>3</sup> ROCKWOOL Thermalrock® S(Slab)	30 mm

# Conlit® LITE Firestop Compound

## DISCLAIMERS

ROCKWOOL is a manufacturer and supplier of stone wool materials. ROCKWOOL has no control over the final design, workmanship, necessary materials or applicable conditions which can impact predicted performance.

All recommendations made by ROCKWOOL and all calculations, drawings and other specifications or information supplied by ROCKWOOL (for example on design, workmanship, materials, geographic, environmental, and other specific or unique end-use conditions) are therefore completely free of liability and are supplied by ROCKWOOL as non-binding information. The customer remains obliged to examine the information received on its suitability for the specific purpose intended and, if necessary, by trial processing or creation of a trial area as well as with the involvement of architects, engineers, designers and contractors etc.

ROCKWOOL is not liable for any direct or indirect loss or damage in any form and for any reason whatsoever arising from the advice and/or information referred to in 2 and 3.

Any observation made by ROCKWOOL during site visit is strictly a visual observation of normal installation practice just as any technical information transmitted is for general illustration purposes only.

The General Terms and Conditions of ROCKWOOL shall apply to any service given. The current version of the General Terms and Conditions is available at [www.rockwoolasia.com](http://www.rockwoolasia.com).

## SUPPORTING INFORMATION

For further information relating to any aspect of the Conlit range, please refer to the applicable ROCKWOOL standard details at [www.rockwoolasia.com](http://www.rockwoolasia.com) or contact the **ROCKWOOL technical solutions team**.

## HEALTH & SAFETY

ROCKWOOL stone wool insulation is non-hazardous and is not classified as carcinogenic according to the note Q of the Directive. 97/69/EEC and the regulation n° 1272/2008 (IV). ROCKWOOL stone wool insulation does not contain substances of very high concern (SHVC).

## SUSTAINABILITY

As an environmentally conscious company, ROCKWOOL promotes the sustainable production and use of insulation and is committed to a continuous process of environmental improvement.

All ROCKWOOL products provide outstanding thermal protection as well as four added benefits:



## ENVIRONMENT

Made from a renewable and plentiful naturally occurring resource, ROCKWOOL insulation saves fuel costs and energy in use and relies on trapped air for its thermal properties.

ROCKWOOL insulation does not contain (and has never contained) gases that have ozone depletion potential (ODP) or global warming potential (GWP).

ROCKWOOL is approximately 97% recyclable. For waste ROCKWOOL material that may be generated during installation or at end of life, we are happy to discuss the individual requirements of contractors and users considering returning these materials to our factory for recycling.

## **ROCKWOOL Building Materials (Singapore) Pte. Ltd.**

No 7, Tuas Avenue 1, Jurong Town,

Singapore 639492

T (+65) 6861 4722

F (+65) 6862 3533

Email: [sgpfp@rockwool.com](mailto:sgpfp@rockwool.com)