

LUNAX GRAPHITE



SPECIFICATIONS

Function

Chemical reaction

Building material classification according to DIN 4102-1

B2 (normal flammability)

Building material classification according to DIN EN 13501-1

E (normal flammability)

Material

Exfoliated graphite

Material structure

Firm graphite laminated with thin polymer (H-PVC)

Thickness in mm

4

Width variants in mm

(tolerance according to ISO-2768)

- 40 (for EI30)
- 50 (for EI30 and EI60)

Raw density at 1mm (kg/m³)

1370 (± 10%)

Foaming rate in three dimensions

37 to 52 times

DESCRIPTION

The Lunax graphite strip is a flexible, intumescent material on the basis of exfoliated graphite that foams up under pressure with thermal influence. The early beginning of reaction takes place at about 200 °C and turns the structure into a voluminous foam in case of fire, closing all the gaps around Lunax door leaves.

FEATURES

- + Comes with special glue to ensure a long-term connection
- + Fits the supporting construction groove (Timber, Hybrid and Gypsum)
- + Sticky-side laminated with tape which eases installation
- + Special versions with cut-outs in graphite for top side installation are available



Graphite **integrated in** supporting construction



Graphite **on** Concrete supporting construction

