

# Linear Gap Seals

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**Product Description**

Tenmat's FF108 Linear Gap Seals are fully intumescent linear firestop seals tested to EN 1366-4. The durable seals are installed under compression and can accept up to 50% movement. They are equally suited to both vertical and horizontal joints. The seals offer up to 4 hour (EI240) fire rating for joints in fire rated walls and floors.

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**Product Details**

- Up to EI240 Fire Rating
  - Compressible up to 50%
  - Available to suit gap sizes up to 100mm
  - Accepts joint movement
  - No additional sealants required
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**Storage & Durability**

Storage	Dry, ambient
Transportation storage temperature	-20°C to +70°C
Working Life	48 years
Fungal Resistance	Protected by polythene
Smoke/Halogen Content	Low Smoke / Zero Halogen



## Sizes

### 1 Seal Required

Seal Size	Min Gap.	Max Gap.	Fire Rating: Floors	Fire Rating: Walls
15 x 15 mm	7.5	13	E240 / EI90	E240/EI45
25 x 20mm	13	22	E240/EI30	E240
40 x 20mm	22	35	E240/EI30	E240
60 x 45mm	35	50	E240/EI45	E240/EI30
85 x 45mm	50	70	E240/EI45	E240/EI30
120 x 60mm	70	100	E240/EI45	E240/EI30

When installing in gaps/joints in floors, product must be installed 25mm down from the top of the floor slab.  
When installing in walls, the product must be installed centrally.

Minimum Floor Slab Depth: 150mm      Minimum Wall Depth: 100mm      Tested to EN 1366-4: 2021

NB. Test evidence does not cover applications at the Head of Wall

### 2 Seals Required

Seal Size	Min Gap.	Max Gap.	Fire Rating: Floors	Fire Rating: Walls
30 x 15 mm	15	25	E240/EI180	E240/EI180
25 x 20mm	13	22	E240/EI180	E240/EI120
40 x 20mm	22	35	E240/EI180	E240/EI120
60 x 40mm	35	50	E240/EI180	E240/EI120
85 x 40mm	50	70	E240/EI180	E240/EI120
120 x 50mm	70	100	E240/EI180	E240/EI180

When installing in gaps/joints in floors, top seal must be installed 100mm down from the top of the floor slab with an air gap of 50mm between the top and bottom seal.

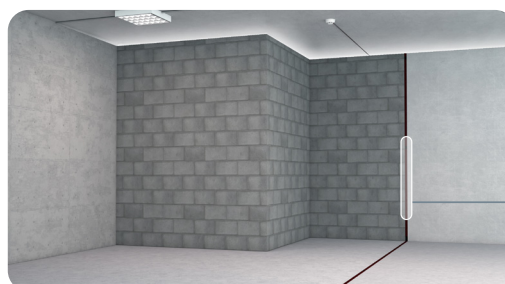
When installing in walls, the 2no. seals must be installed centrally with a 50mm air gap between the seals. Butt joints in adjacent seals must be offset by minimum 500mm.

Minimum Floor Slab Depth: 250mm      Minimum Wall Depth: 250mm      Tested to EN 1366-4: 2006 +A1 2010

NB. Test evidence does not cover applications at the Head of Wall

#### In all cases:

- Substrates covered include aerated concrete, concrete, blockwork and masonry separating elements (floors and walls) of a thickness and density equal to or greater than 670kg/m<sup>3</sup>.
- All butt joints must be a very tight friction fit with no gaps.



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Tenmat Ltd  
Ashburton Rd West, Manchester  
M17 1TD United Kingdom

+44 161 872 2181  
fpsales@tenmat.com

tenmat.com



Advanced materials.  
tenmat.com



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Diamorph Group

Tenmat warrants the materials it produces will conform to Tenmat specifications and approved drawings where applicable. It is entirely the customer's responsibility to make the final product choice and satisfy themselves of the suitability of the product for the intended application, carrying out testing where required. For construction projects, all products which the customer is intending to use on a particular project must be approved in writing by the customer's building designer, system designer or design control professional, to ensure compliance with the latest regulations.

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