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## Radon Stop 400 - Flooring and Foundation Membrane

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The information below is the NBS Plus product entry for Triton Systems Radon Stop 400 - Flooring and Foundation Membrane.

## Radon Stop 400 - Flooring and Foundation Membrane

A non-reinforced polyethylene film with high strength and flexibility. The film is supplied in 4 m widths and is installed with overlaps which are sealed with a sealer and butyl sealing tape. The system is supplied with all components and with preformed details for sealing around pipes and strengthening of corners.

**Characteristics:**

- Radon resistance:  $5.8 \times 10^{11}$  M<sup>2</sup>.s.Pa/kg - SP method.
- Tensile strength: MD/ CMD 400/ 400 N/50 mm - EN 12311-2.
- Elongation: MD/ CMD 600/ 700% - EN 12311-2.
- Resistance to shear of joints: >100 N/50 mm - EN 12317-2.
- Dimensional stability: MD/ CMD -0.5 to +0.1% - EN 1107-2.
- Flexibility at low temperature: -30°C - EN 495-5.
- Resistance to tearing: MD/ CMD 100/ 100N - EN 12311-2.
- Resistance to impact: 30 mm - EN 12691.
- Resistance to static loading: 100N - EN 12730.
- Water vapour resistance:  $700 \times 10$  m<sup>2</sup>.s.Pa/kg - BS 1377.

**Application:**

- Category B: Laid under the concrete slab, protected in the upper insulation layer.
- Category C: Laid direct onto the concrete slab.

More about Radon Stop 400 - Flooring and Foundation Membrane:

[As standard](#) - [Approvals](#)

**Radon Stop 400 - Flooring and Foundation Membrane**

- Manufacturer: Triton Systems.
- Web: [www.tritonsystems.co.uk](http://www.tritonsystems.co.uk)
- Tel: +44 (0)1322 318830.
- Product reference: Radon Stop 400.

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## Guidance for Radon Stop 400 - Flooring and Foundation Membrane from Triton Systems

More about Radon Stop 400 - Flooring and Foundation Membrane: [As standard](#) - [Approvals](#)

**As standard****Dimensions:**

- Thickness: 0.4 mm.
- Width: 4.0 m.
- Length: 12 m.

**System components:**


- 400 films.
- Pipe gaskets.
- Drain gasket.
- Two part corner cloak.
- Sealing tape.
- Overtape.
- Sealer x 3 L.

**Approvals**

- SINTEF Building and Infrastructure: Technical Approval No. 2387. Documentation of the characteristics of the system.

**Further Information****Literature:**

Isola Platon Radon  
Stop 400

 Additional information may be available for [Triton Systems from ribaproductselector.com](http://Triton Systems from ribaproductselector.com).

**Contacts:**

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NBS Plus

Triton, NBS Plus Approval Site, 10 August 2012

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