

PROVOID 25*

*ACHIEVES 1 POINT FOR GOOD PERFORMANCE OR 2 POINTS FOR VERY GOOD PERFORMANCE UNDER BS8485 DEPENDING ON SIZE OF BUILDING AND GAS SCREENING VALUE.

• HIGH RISK CHARACTERISTIC SITES •

REGULATIONS COMPATIBILITY TABLE

| | CIRIA 665 CHARACTERISTIC SITUATION 2 | CIRIA 665 CHARACTERISTIC SITUATION 3-6 | BS8485 AMBER 1 | BS8485 AMBER 2 & RED | BRE 211 RADON | NHBC AMBER 1 | NHBC AMBER 2 |
|------------------------------|--------------------------------------|----------------------------------------|----------------|----------------------|---------------|--------------|--------------|
| METHANE | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | ✓ |
| CARBON DIOXIDE | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | ✓ |
| RADON | N/A | N/A | N/A | N/A | ✓ | N/A | N/A |
| HYDROCARBON VAPOURS & LIQUID | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | ✓ |

DESCRIPTION

Provoid 25 is a 25mm thick single-sided geocomposite that provides a void beneath floor slabs which, when connected to air inlets and outlets, allows sufficient air changes to dilute gases to safe concentrations when designed correctly.

Provoid 25 can be laid in strips at predetermined centres or in a blanket as required and, being only 25mm thick, means there is a reduced dig when compared to a 200mm or 150mm blanket of stone. It is also extremely strong and flexible with a crush resistance of 250kpa and is supplied in rolls of 45m²; therefore large areas can be covered very quickly.

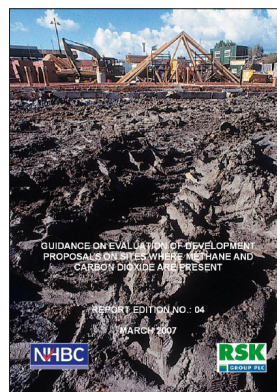
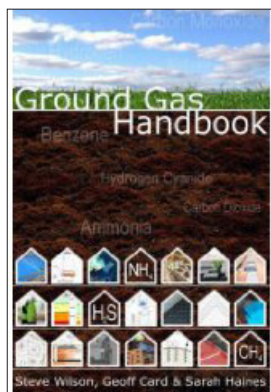
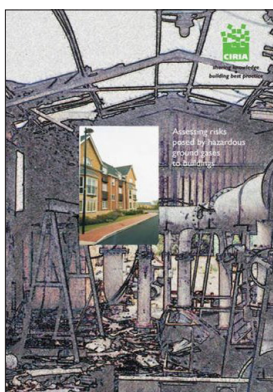
Provoid 25 is flexible and can be laid horizontally and vertically to deal with awkward foundation arrangements. Because of its flexibility, it will cope easily with settlement under the slab without compromising the system.

SPECIFICATION

A. Proctor Group can provide a design service from plans and site investigation reports. Please contact our technical desk for further information. Venting systems should be designed on a site specific basis.



| TYPICAL PROPERTIES | |
|----------------------------------------|----------------------------------------|
| Roll Length | 50m |
| Width | 450mm / 900mm |
| Thickness | 25mm |
| Creep Resistance 200Kpa for 100 hrs | 5% Max. |
| Intrinsic Permeability (k) | <1.2 x 10 ⁻⁵ m ² |
| Forecheimer Term | <24.0 sm ⁻¹ |
| Ultimate compressive strength at yield | 225kN/m ² |



PROVOID 25

ACCESSORIES

Venting System Components
6,000mm² ventilation area

- 1: Ground Level Gully Vent Box
- 2: Provoid Connector 'T-Piece'
- 3: Provoid (Geotextile side down)

Other examples of Air Inlet / Outlet options:

Single Entry Slimline Vent Box 6,000mm² Ventilation Area



Contact our technical department for project specific advice.

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