

Health & Safety Information

PRODUCT APPEARANCES

Radon liner is a flexible sheet material 1.25mm thick and black in colour from which radon outlets are produced. The minimum gauge of any outlet will be no less than 0.3mm

PRODUCT COMPOSITION

Low Density Polythene

PRODUCT APPROVED USES

Lining Membrane

MVT $\leq 0.4\text{g/M}^2/24$ hours at 37.8 degrees with a relative humidity of 85

PHYSICAL DATA

Melting/softening point approx. 105 degrees C

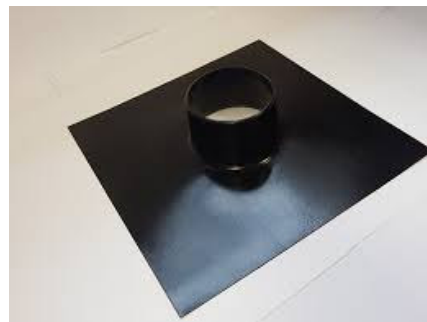
Product stable at ambient temperatures

STORAGE & HANDLING

No special precautions. Hazardous decomposition products under oxygen lean conditions include CO₂, CO and flammable Hydrocarbons and fumes. Disposal – Appropriate recycling landfill/incineration. Chemically unreactive and generally regarded as being biologically inert.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulations.





- Provides an effective seal around service pipe entry

Description

Radon Centres Top Hats are used to provide an effective seal around service pipe penetrations. Sizes include: 55mm, 80mm, 110mm, 135mm and 160mm. Typical size being 135mm in diameter. All Top Hats come with suitable size cable tie. Bespoke sizes are available upon request.

Please provide the outside diameter of your pipe for the correct Top Hat fitting.

Application

Airtight seals should be formed around all service entry points. The base of the Top Hat should then be sealed using a suitable jointing tape.

BR211 Reference

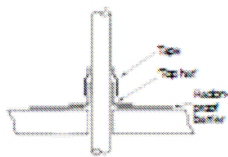


Figure 13 Achieving an airtight seal around service penetrations

Where possible, service entries should avoid penetrating the radon-proof membrane. Where this is not possible it will be necessary to construct an airtight seal around each entry (figure 13). Prefabricated "top hat" sections are available for sealing around service pipe entries.

Penetrations should be avoided at points where the membrane is lapped, because of the greater difficulty of resealing. With careful design all supply services, with the exception of mains water & drainage to foul outlets, can be bought up the outside of the building to enter through the walls. However, accommodating service entries in walls may limit where internal fixtures can be placed. Traps and other services should be located so as not to damage the radon-proof barrier within the floor slab.