



Sovereign Radon Barriercoat

Sovereign Radon Barriercoat is a ready for use specialist styrene butadiene latex based liquid applied membrane.



Product Code
30806066

Description

Radon Barriercoat offers a simple continuous passive system to the full footprint of new builds providing basic radon protection and a waterproof membrane complying with requirement C2 and C4 of Schedule 1 of the Building Regulations 1991 for England and Wales

BR211, Annex A, defines areas where basic or full protection is required and Annex B contains maps where a geological assessment is required.

Form Supplied: Viscous Liquid, ready to use

Pack Sizes: 15kg

Colour Range: Green

Contains: Advanced SBR polymer and speciality additives

Properties

Sovereign Radon Barriercoat can be used to protect most building surfaces from the effect of liquid and water vapour, carbonation and as a gas barrier.

As a radon proof Barrier a dried film thickness of 1 mm is required.

The product can also be used as a barrier to other ground gases, including Methane.

General

When applying a finish over Sovereign Radon Barriercoat, best practice is to do so whilst the product is still slightly tacky. If this is not possible then apply render, plaster or levelling compounds within 24 hours. If the Radon Barriercoat is to be left unfinished for longer periods then it must be protected from wear and whatever the final coat we recommend the use of Sovereign SBR Bonding Agent be used in the gauging water to improve adhesion. Concrete screeds may be laid over the Radon Barriercoat at any point as long as the surface is clean and dust free.

Other Sovereign Radon Barriercoat products also available:

✓ **Fleeced 900 Internal Angel**

A preformed reinforcing fleece to create a seal at internal angels when using Sovereign Radon Barriercoat

✓ **Flexi-Tape (5m Roll)**

Flexi-Tape is available in 5 meter rolls to be used with Radon Barriercoat.



PREPARATION/USAGE

The background surface should be smooth or have a light even texture. Any masonry should be flush pointed and defects in existing surfaces made good.

The surface must be clean, sound and free of dust, loose material or free surface water. Pre-wet concrete or masonry backgrounds so that these are damp but free from any water glistening on the surface, to aid the wetting out of the background.

Because of the wide variety of background types and site conditions, it is always advisable to check adhesion to the background by testing on a sample area before starting any job.

Brush, roller or airless spray may apply the membrane. If necessary, the compound can be diluted with up to 10% water. However, care should be taken to ensure that the correct dry coat thickness is applied.

Where multiple coats are being applied it is recommended that the coats be applied at right angles to each other. Before applying the second coat it is necessary to let the first coat become touch dry. The time required to reach this touch dry condition will vary according to site conditions but will typically be in the order of 1 – 2 hours under favorable conditions.

It is preferable that the second coat is applied within 24 hours of applying the first coat.

A check should be made to ensure that the correct quantity of material has been applied to achieve the correct film thickness.

At high stress points such as wall/floor junctions use Sovereign Flexi Tape reinforcement. The Flexi Tape is rolled into the wet first coat, and then coated with additional membrane after allowing the first coat to dry to a tacky condition. The tape should be cut into lengths of around 1m to aid application and prevent rippling. Each length of tape should be slightly overlapped.

LIMITATION

The membrane should not be applied in wet conditions or where these conditions are likely to occur before the membrane has dried. The membrane should not be applied when the temperature of the background, or the air temperature, is below 7°C.

CLEAN UP

Clean tools and equipment immediately with clean fresh water.

COVERAGE

A minimum dried coating thickness of 1.00 mm is required to provide a Radon barrier. To achieve this coating thickness a total of 2 kg / m² is required. A 15 kg pack will therefore cover 7.5 m².

Storage: Between 5°C – 25°C.

Shelf Life: 12 months unopened.

HEALTH & SAFETY

- ! Keep locked up and out of reach of children.
- ! In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
- ! Wear suitable protective gloves & eye/face protection.
- ! In case of accident or if you feel unwell seek medical advice immediately (show label where possible).



Health & safety information
available on request



Important Disclaimer

The information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that product, techniques and codes of practice are under constant review and changes occur without notice. Please ensure you have the latest updated information.



Sovereign
the gold standard in building products

Sovereign Support: 01229 870800 | www.sovchem.co.uk

FIND US HERE

