

COLORGUM BLOCKRADON



UNIQUE IN THE WORLD:

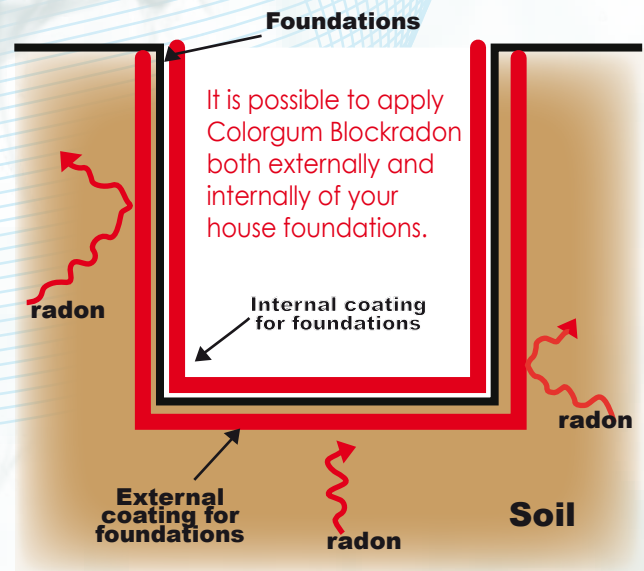
THE FIRST TESTED PRODUCT INSULATING FROM RADON IS NOW AVAILABLE

What's Gas Radon?

Radon is a *radioactive gas*, colourless and odourless which spreads itself from soil inside the house. In the open air and in the water Radon it is not a problem but in closed areas such as houses, especially on the ground floor, this gas is strongly present and it can penetrate fissures and cracks where it becomes dangerous.

Radon and Health

Epidemic studies from the World Organization of Health and Cancer Researches have definitively established that this *gas is radioactive* and it causes cancer; in fact, if inhaled, it increases the risk of lung neoplasia. After the cigarette smoke it is the second cause of lung cancer.



COLORGUM BLOCKRADON

It is a waterproofing liquid elastic membrane, used for waterproofing and external protection in direct contact with the soil.

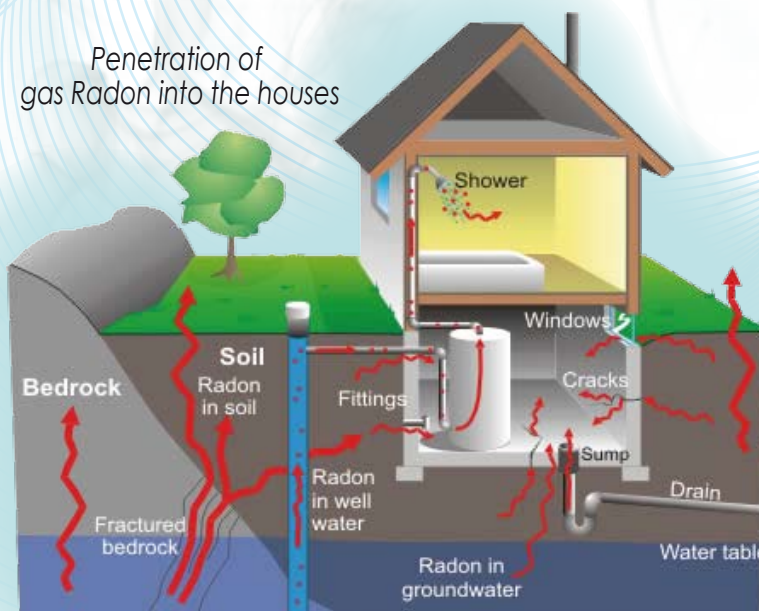
The study and the test results, with passive method defined from EPA like EIC, show that our waterproofing membrane Colorgum Blockradon is a barrier against RADON from the soil and for this reason it results **NOT PERMEABLE** to radon.

This characteristic is valid according to the technical data of the application of the product present in the technical data sheet.

Application fields:

- Foundations
- Basements
- Tanks
- Connections
- Pipes
- Traps

Penetration of gas Radon into the houses



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PREPARATION

In order to obtain a perfect waterproofing before the application of Colorgum Blockradon it is necessary to prepare the surfaces as follow: substrates to be treated must be clean, solid and dry; removing dust, crust, residual soft mortar and any other material by means of brushes or water blast jets in order to permit the application of Colorgum Blockradon. Washing of the surface by means of water under pressure is recommended.

In case of waterproofing of foundation walls, tanks, swimming pools, tunnels, seal spacer crossing holes, plugs or metal sheets by means of K9, which adheres even if in damp surfaces, and turn corners into curved surfaces (mortar fillet) by applying first a layer of Lattex 2762 (by means of brush) and then the ready mortar Rain Velox or Rain Presa.

CHARACTERISTICS

Colorgum Blockradon is the result of a constant and careful research. It is a water proofing liquid elastic membrane, which, thanks to its physical and chemical features, functions as an effective barrier against Radon, radioactive gas present in the soil. Colorgum Blockradon is used for the water proofing and the external protection, in direct contact with the soil, of concrete surfaces, foundations, basements, concrete traps, bunker. It is also used, always in contact with the soil, on swimming pools, tanks and on all concrete surfaces.

APPLICATION

Colorgum Blockradon is applied by means of brush, roll or spraying device. At least 2 coats are strongly recommended, waiting the first coat becomes dry before the application of the second one. The final thickness of Colorgum Blockradon should not be less than 2 mm thickness to obtain a consistent and effective final coating.

Colorgum Blockradon has an universal applications field, because, being a liquid membrane, it can be applied easily on whatever kind of surface even if not flat and regular. No primer is necessary but only a clean and dry surface.

TECHNICAL DATA

Aspect	Liquid
Density	1,3 kg / l
Flammability	no
Operating temperature	+5° C / +35° C
Tensile Strength UNI 8202/8	elongation at break > 600%
Permanent set at Elongation UNI 8202/10	After 24 hours 33%
Hardness UNI 4916	Shore A 54
Consumption (2 coats)	About 1-1,5 kg/m ² for 1 mm of thickness

N.B. The above data are the results of laboratory tests and may change according to the working conditions

WARNINGS

Do not apply Colorgum Blockradon at temperatures below +5 or when rain is coming. Do not apply it on supports without the right inclination to avoid permanent water and do not apply on wet/damp surfaces or on supports subject to rising damp.

PACKAGING AND COLOUR

Colorgum Blockradon is available in 20 kg buckets. If conserved in its original packaging in dry places at temperatures between +5°C and + 30° C, Colorgum Blockradon can be stored for 12 months from production date. Colorgum Blockradon is available in brown colour.

Notes: Whilst all reasonable care is taken in preparing this technical data on the product, all recommendations or suggestions regarding the use of the product are without guarantee since conditions of uses are beyond the company control.