

Radon Environmental
MITIGATION PRODUCT
 TECHNICAL FEATURES

Product	Description	Type	Features	Trigger level	Use	Manufacturer	Country	Details	Assessor
Radostat	Real-time radon detector-driven mitigation device	Silicium sensor	Real-time peak detect and alert, integrated into existing ventilation system to exhaust gas out and prevent entry by keeping room in positive pressure, saves energy costs by operating only as needed	150 Bq/m ³	Indoor	AYKOW	France	100% accuracy Rn detection, trigger time ±15%; calibrated for accuracy	Paul Scherrer Institute
RadonBlock	Radon blocking barrier membrane	Underslab gas barrier	Highly resilient underslab /vertical wall barrier, 100 times less permeable than typical high-performance polyethylene vapor retarders against Methane, Radon and other harmful VOCs	n/a	Building construction	Raven Industries	USA	< 1.1 x 10 ⁻¹³ m ² /s Rn diffusion coefficient, 20 mil thickness	ISO 9001:2008
Radon Guard	Structural panel system allowing for soil gas removal, insulation and capillary break between ground and air barrier	Underslab ventilation panel	Evaluated and approved by the NRC Canadian Construction Materials Centre, certified code compliant, cost effective and efficient, easy to install, readily available	n/a	Building construction	Plasti-Fab	Canada	Certified code complaint alternative for prescriptive solution in code	NRC CCMC