DAFA Radon System™

DAFA Radon barrier foil

DAFA Radon barrier foil is a part of DAFA Radon System. It ensures an effective airtight radon and moisture proof seal.

Application

DAFA Radon System is suitable for installation in most types of heated buildings, such as homes, offices, etc. The foil is used to reduce the transport of radon from the ground and into the building. DAFA Radon barrier foil is intended for user group B, where the foil is mounted on or in the insulation layer - and user group C, where the foil is mounted directly on the concrete floor.
A complete accessory program ensures efficient and sealing of penetrations and corners.

Material

DAFA Radon barrier foil is a virgin blend non-reinforced co-polymer polyethylene membrane.

Delivery sizes

DAFA Radon barrier comes in 2 widths: 1,5 m and 4 meters.

Quality assurance

DAFAs Radon barrier foils is CE-marked according to EU standard EN 13967

Advantage

DAFA Radon barrier foil is listed in the database for building products that can be used in Nordic Swan Ecolabelled buildings.

NEW

epd

Download EPD for DAFA EcoFoil here:
www.dafa-build.com/en/epd
or scan the QR code

Transport, delivery and storage

DAFAs Radon barrier foils are supplied in rolls, packed and wrapped in protective foil. The rolls must be stored and transported in a horizontal position in order to avoid damage. The rolls must not be exposed to direct sunlight during storage.

Technical specifications	
Measures	1,5 m and 4 m x 25 m
Radon transmittance	3,2*10-9 [m/s]
Radon resistance	3,1*108 [s/m]
Radon permability	1,3*10-12 [m2/s]
Vapor diffusion resistance, sd-value	160 m
Thickness	400 µm
Reaction to fire	EN 13501-1 class F
Tear strength	>200 N
Tensile strength	>400 N
Resistance to impact	EN 12691 A 300 mm
Resistance to static load	EN 12730 20 kg
Exposure time	4 weeks
DAFA item no. (1,5 m /4 m)	620029133 / 620030414
EAN no. (1,5 m /4 m)	5705636451558 / 5705636451565

LCA calculation

Product	Unit	GWP-total (A1-A3)	GWP-total (The whole system)
DAFA Radon barrier	kg CO2 eq./m²	1,290	1,631

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