Lauridsen®
– den bedste løsning

Radon tightness of RONDO Ecco sealing collar

The radon tightness of the RONDO Ecco sealing collar can be confirmed based on the equivalence comparison with our RONDO sealing collar (identical geometry and raw material).

The radon diffusion coefficient of D (4.33* 10^{-12} m^2/s) determined in test report 2016091901e (Dr. Joachim Kemski, publicly appointed and sworn expert for radon – IHK Bonn/Rhein-Siegen) is far below the default value of 10^{-12} m^2/s (Radon Guide Germany 2010, radon-protected construction).

The radon diffusion length L specified there (1.44 mm) falls below one third (1.66 mm) of the material thickness (5.0 mm).

Material thickness (5.0 mm)/3 = 1.66 mm > radon diffusion length L = 1.44 mm.

The compared material sample of RONDO Ecco sealing collar can therefore be considered "radon tight" in the above-mentioned sense.

We cannot assume any liability for general validity in the practical use, since it depends on proper handling and installation on the construction site.

Unterhaid, June 2019

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