



What is Ufer Grounding and Why it is Important

Homes are required to have electrical grounding to the outside where your electrical service comes in and also to the concrete slab. Ufer Grounding, or otherwise known as concrete-encased electrode (CEE), is one way to create that ground.

With a Ufer Ground, a metal rod is installed by embedding it into the concrete slab foundation (concrete encased electrode), connected to the re-bar which has an electrical current running through it. This ground works as a conducting object through which a direct connection to earth is established.

Check your local codes for grounding requirements.

Why is Ufer Grounding Important?

Having appropriate grounding, both for electrical and the foundation, improves protection against lightning strikes.

How does this affect my window wells?

When window wells are installed on homes with Ufer Ground, the well will act as a grounding element, becoming what is called a sacrificial node.

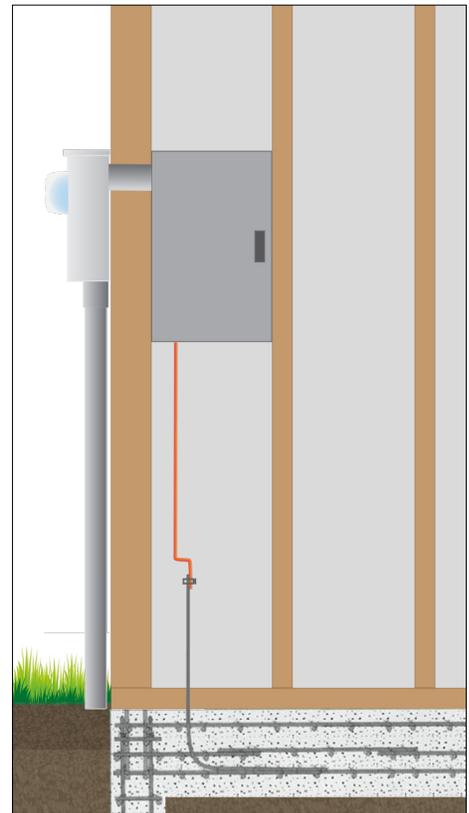
Homes with metal window wells installed with Ufer grounding, may experience accelerated and sometimes severe corrosion of the well. Additional factors which can hasten the corrosion process are poor well drainage, and improper base and backfill.

Avoid Costly Complications

Follow all steps and guidelines for proper window well installations and ensure that the residence is properly grounded.

Check with your local building inspector to verify your code requirements before ordering or installing any window well.

Homes with Ufer grounding and any improper electrical system grounding may void all claims for corrosion. All metal products must be isolated from stray electrical current. Non-vented covers also void all warranty claims.



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St. Paul Corrugating Co, Inc.
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