



EarthFix™

THE GAME-CHANGING GLAND EARTHING EVOLUTION

WOODLANDS CASE STUDY

“ The EarthFix lock rings from SWA make it much easier and ultimately a safer install. Once these are on the market, I will be ordering them. ”

Jamie Macdonald
Site Manager, Woodlands



THE SOLUTION

SWA's new EarthFix locknut solution enables the earth fly lead to be connected inside the enclosure (rather than outside) which removes the requirement for any holes to be drilled.

The serrated edge feature which bites into the enclosure scraping of any paint provides a better earthing connection (vs. the standard earth ring option) and the threaded hole allows for the quick attachment of the earth fly lead.

THE CHALLENGE

As part of their electrical enabling work installations on several large-scale UK infrastructure projects, Woodlands use many armoured cable glands.

When earthing these glands Woodlands have been using the standard earth ring (banjo) installation method which requires a hole to be drilled to attach the earth fly lead. Even though the panel is isolated, there is always a risk that an existing cable will be nicked by the drill. The drilled hole could also compromise the Ingress rating of the enclosure allowing dust, dirt, and water to enter.

THE RESULT

By switching over to the EarthFix solution, Woodlands have eliminated cable damage and ingress issues arising from the use of drills. They have also benefited from the superior earthing connection and improved install time afforded by the EarthFix design features.