

Solutions for biogas plants



THINK CONNECTED.

Solutions for biogas plants

Biogas plants don't just have to meet high environmental standards, they also have to operate safely. Fermenting silos, machinery rooms and cogeneration units – all these areas need to be protected against every kind of problem, especially if they are at risk of explosion.



Contents

Think connected.

OBO means thinking in networks and acting systematically. We combine our products to produce solutions for your particular project in industry, commerce and infrastructure facilities – worldwide.



External lightning protection

Earthing systems

Equipotential bonding systems

Surge protection systems

Fire protection systems

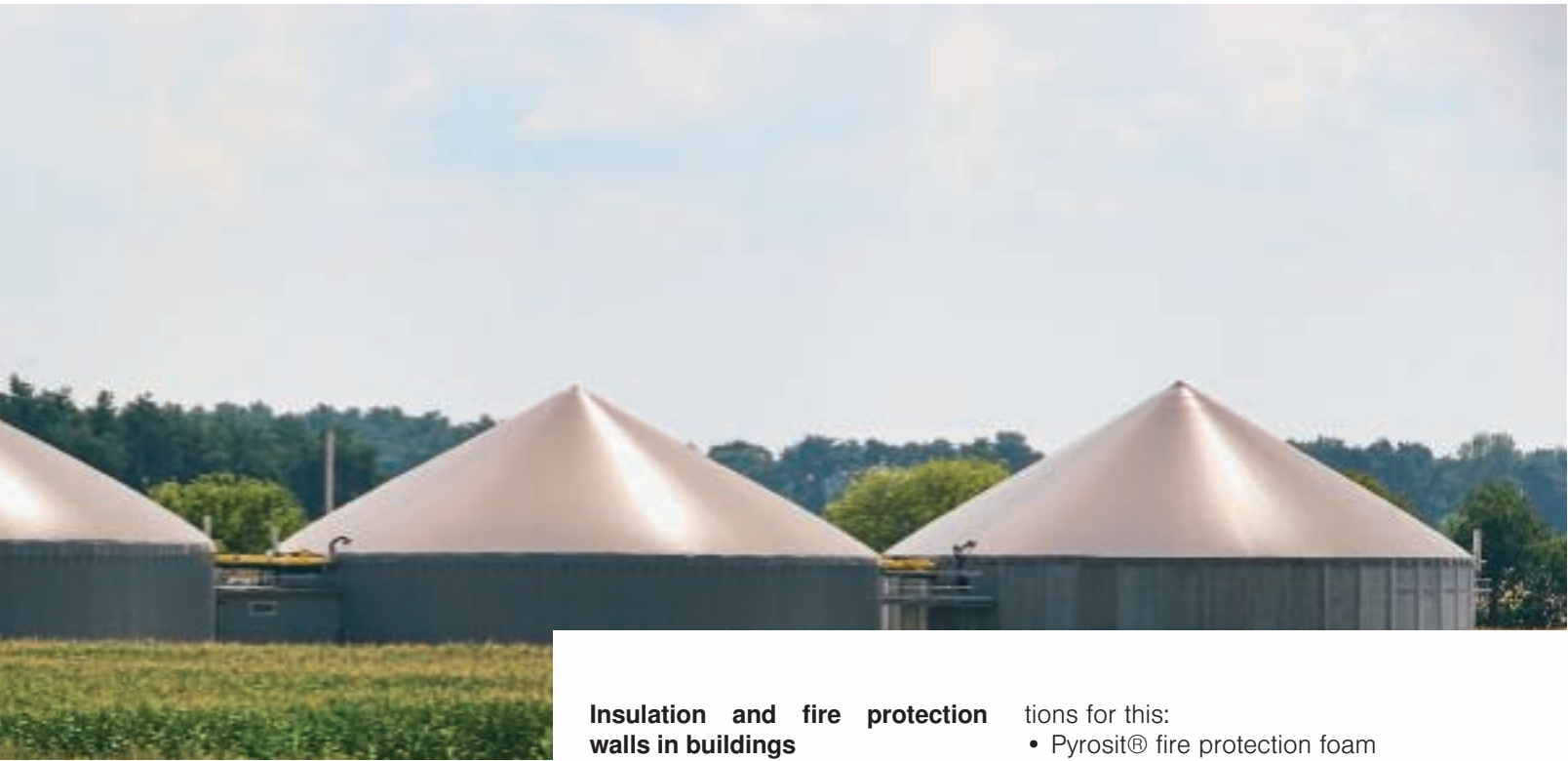
Cable management

Plant safety: lightning protection, surge protection and fire protection systems

Integrated lightning and surge protection from OBO

OBO systems protect people and property reliably. Air termination systems, conductors and earthing systems provide external lightning protection, while equipotential bonding and surge protection equipment protects against the effects of lightning current. Only if all these components are installed is genuine protection afforded. OBO supplies all of these elements - perfectly matched and from a single source.





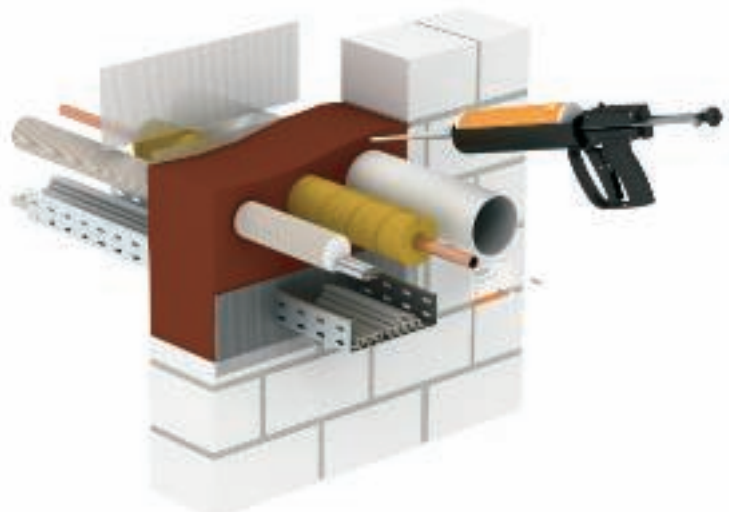
Insulation and fire protection walls in buildings

If an installation passes through a firewall, then it must be sealed off using insulation in such a way that smoke and fire cannot get through. OBO has various solu-

tions for this:

- Pyrosit® fire protection foam
- Fire insulation bags
- Fire insulation mortar

These insulation types are designed for various common wall types.



**Cable management protects cables and wiring –
and safeguards the reliability of the plant.**



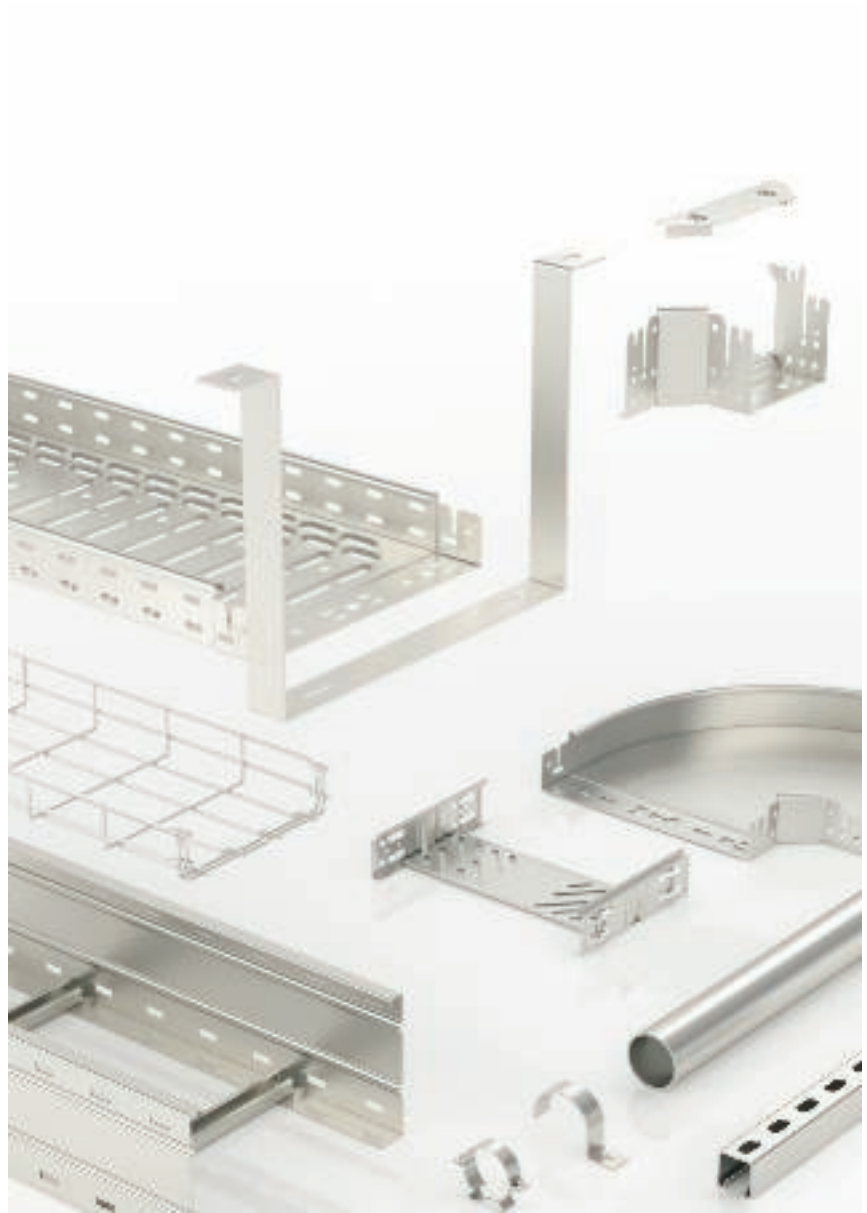
Well connected

Clean cable and wire routing is the backbone of any biogas plant that intends to remain functional for decades to come.

Unique range

OBO is one of the market leaders in cable support systems, and its broad range of components in V2A, V4A and V5A allows you to master any cable management task you might come across with ease.





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