

Composite Road Plate



Oxford Plastics

Location	Germany
Description	Omexom AG use the LowPro 23/05 Road Plate as a composite excavation cover in the installation of gas and water pipes in Germany.
Partners	Oxford Plastics for Omexom AG
The challenge	<p>Omexom AG required a road plate that could be easily installed by 2 people, making it easy to use and install.</p> <p>In addition, residents complained of noisy steel plates.</p>
The solution	Omexom migrated from using traditional steel plates to the composite LowPro 23/05 Road Plate. This removed the laborious work of laying steel plates with excavators and lifting equipment and has also increased the working security of employees.
Specific design details	<p>The LowPro 23/05 is a heavy-duty modular road plate for highways and pavements. It is suitable for 44T vehicles over a 1200mm trench and complies with HAUC's 2018/01 Advice Note.</p> <p>The road plate can be placed by just 2 people and drop-pins prevent lateral movement. It has a moulded anti-slip surface and its Hi-Vis yellow colouring encourages traffic calming.</p> <p>The road plate is design using patented Flexi-edges reduce noise pollution and is designed & manufactured in the UK.</p>
Benefits	<ul style="list-style-type: none"> • Safely cover trenches for gas and water pipes and glass fibre trenches. • Use an excavation cover that is practical for urban areas with reduced space and where noise impacts should be at a minimum. • Provide a better solution than the historically used steel plates. • Allow rapid access to the excavation during works, where the excavation is temporarily filled up with gravel before re-instating the road surface. • Provide a manually handled solution to cover excavations quickly and safely.
Further details	https://www.oxfordplastics.com/road-plates-and-trench-covers/lowpro-23-05-road-plates/