

Composite Road Plate



Oxford Plastics

Location	Germany
Description	Josef Schnell Gmbh use the Oxford Plastics LowPro 23/05 Road Plate as composite excavation cover in the installation of gas and water pipes in Germany.
Partners	Oxford Plastics for Josef Schnell Gmbh
The challenge	Josef Schnell Gmbh works with trenchless technologies in street works for installing gas and water pipes, and energy and glass fibre cables. They needed a technology that was suitable for jobs spanning from 2 days, to many weeks. The company wanted something that was safe, lightweight and could be installed by hand, whilst also looking good.
The solution	The 23/05 LowPro road plate trench cover, a modular system of singular linking units, was offered to Josef Schnell Gmbh to use alongside traditional steel plates. This system is suitable for 44 tonnes vehicles over a 1200mm trench and doesn't require expensive machinery for install.
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. • 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. • Use on a variety of job lengths, from days to weeks.
Further details	https://www.oxfordplastics.com/road-plates-and-trench-covers/lowpro-23-05-road-plates/