

Composite Road Plate



Oxford Plastics

Location	Germany
Description	Markstahler Rohrleitungsbau uses the LowPro 23/05 Road Plate as composite excavation cover in the installation of gas and water pipes in Germany.
Partners	Oxford Plastics for Markstahler Rohrleitungsbau
The challenge	<p>Markstahler Rohrleitungsbau needed a flexible, easy to build temporary access over a trench, for providing higher traffic security whilst offering good external impact.</p> <p>They wanted to remove the need for lorries, excavators and cranes for transport and on-site.</p>
The solution	Markstahler Rohrleitungsbau has adopted the LowPro 23/05 road plate across the company since 2019 enabling it to safely cover utility cable and pipe excavations for routine works in street works and traffic management.
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 designed using patented Flexi-edges to reduce noise pollution and is designed & manufactured in the UK.</p>
Benefits	<ul style="list-style-type: none"> • Safely cover trenches for cable lines and gas and water pipes. • 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. • Negate the need for heavy-lifting equipment on work sites.
Further details	https://www.oxfordplastics.com/road-plates-and-trench-covers/lowpro-23-05-road-plates/