

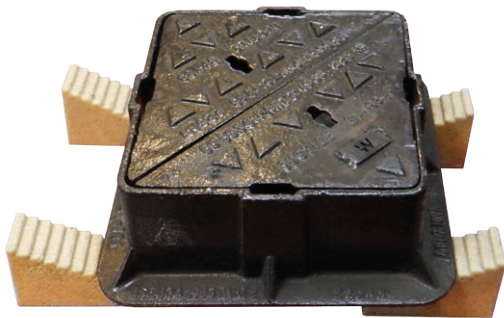
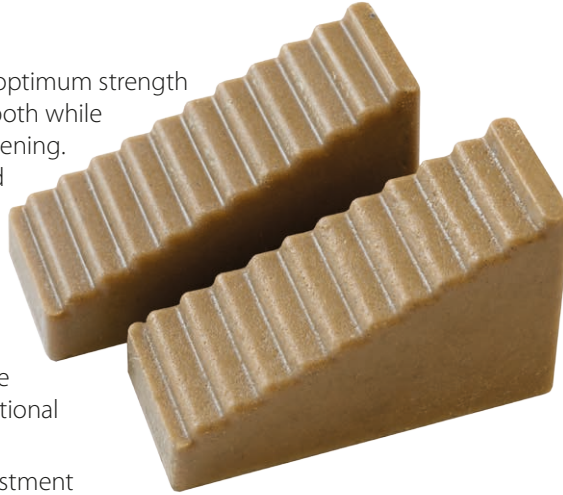
UniPak support wedges

Mortar protection blocks

The blocks support the ironwork, giving optimum strength of bedding mortar/packing plate layers, both while curing and under load, following road opening. They are left in place after installation and as they are manufactured from the same resinous compound as UniPak mortar and packing plates, they form an integral part of the system.

As the ironwork is rigidly supported, the contractor is no longer constrained by the curing rate of the mortar - even if conventional cement types are used.

The step wedge design allows 5mm adjustment increments up to 75mm per block and, as they are stackable, allows them to fill large voids. They are suitable for BSEN124 UK highway applications, groups 1 to 4.



Size (mm)	Product code
120h x 50d x 75w	PC/UNIWEDGE/75S012

The UniPak system in use

- UniPak mortar
- UniPak support wedges
- UniPak packing plates



The Wrekin UniPak patented ironwork installation system is designed to prevent bedding failure - one of the main factors contributing to the current poor performance of chamber tops.

WRC research observes that up to 89% of ironwork failures have suffered foundation issues and that in 44% of cases foundation issues are the sole cause of failure.

The system comprises three components:

- Fast curing resin-based mortar to replace traditional poor performance cement mortar.
- Multi-sized packing plates, replacing ad-hoc packing methods with bricks, wood or other unsuitable materials.
- Wedge support blocks that securely support iron frames, allowing roads to be reopened before the mortar cures.



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2. It is the responsibility of all users to satisfy themselves that the above data is current.
3. Wrekin cannot be held responsible for the performance of these products as conditions of use are beyond our control.
4. Installation details are available on request.