



1. The base layers

Excavate the surface down to the depth required for installation. The **REGUPOL** interlocking pavers can be laid on fine chippings, lean concrete or asphalt. All base layers need a substrate of gravel, approx. 15 cm deep with a grain size of up to 32 mm. As additional frost protection, a bed of fine chippings can be laid which should be at least 10 cm thick. Both layers have to be compacted to become sufficiently load bearing. For an unbound base layer, an additional 25 cm thick layer of 0 - 3 mm or 0 - 7 mm fine chippings is laid and levelled to eliminate hollow spaces and cavities. For a bound base layer, a course of lean concrete or asphalt is applied on top of the lower bed of fine chippings. A gradient of 1 % to 2 % and some form of drainage outlet is needed here to enable water to drain off. Please note that the 21 mm **REGUPOL** interlocking pavers can only be bonded to a concrete or asphalt base.

2. Installation

2.1 Installation on unbound base layers

Interlocking pavers from **REGUPOL** are laid like normal concrete paving stones. With their double T shape, they resemble concrete Behaton or "dog bone" pavers. Starting from one corner, the pavers are laid closely together, compacted with a plate compactor and grouted with sand. For installation on an unbound base layer, starters, half and whole pavers can be bonded to the edging elements with a single-component PUR adhesive sealant to increase stability. The single-component PUR adhesive sealant can also be purchased from **REGUPOL**. Further information can be found on the relevant data sheet. One cartridge is sufficient for approx. 3 running metres. The bead diameter when applying the adhesive should be between 5 and 7 mm.

2.2 Installation on bound base layers

On a concrete or asphalt base with edging elements, the pavers can be installed loose or bonded, depending on the intended use. For this, it's important to ensure the substrate has a slight gradient of between 1 and 2 % in the direction of the drainage outlet. The adhesive required for bonding the pavers on a bound base layer - a two-component PUR adhesive - can be purchased from **REGUPOL**. For bonding the pavers on a bound base layer, the base layer itself must be dry and clean. The outside temperature should be at least 10 °C, and depending on the substrate, the amount of adhesive used is approximately 1.5-2 kg/m².

Please note: Manufacturing-related thickness tolerances of up to +/- 2 mm can be noticeable when pavers are laid over bound bases.

2.3 Borders

As with conventional concrete paving, a border is required. We recommend **REGUPOL** edging and border elements, which are also elastic and have the same texture and appearance as **REGUPOL** interlocking pavers. To increase stability, starters, half and whole pavers can be bonded to the edging elements.

2.4 Cutting pavers to size

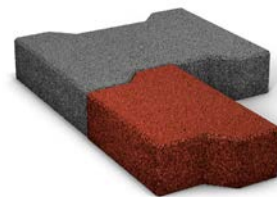
To cut the pavers to size, use a slow-running jigsaw with a medium-toothed blade for wood. The same approach should be used where the pavers meet equipment or machine supports, drains, other floor surfaces, etc. At such points, the pavers need to be bonded into place.



REGUPOL playfix VB: length 200 mm, width 160 mm



REGUPOL playfix VB starter: length 200 mm, width 80 mm



REGUPOL playfix VB half paver: length 100 mm, width 160 mm