



Irish Blue Limestone Fixing Guide No. 1

Exterior fixing of *Arduno®/Old Celtic Paving* in a stabilised sand layer

- ▶ **Minimum required thickness: 50 mm**
- ▶ Remove soil up to 40-50cm below the anticipated level of the finished paving area.
- ▶ Apply a layer of crushed stone (0–40mm calibre is ideal) of 15-30cm. Compact the layer using a vibratory plate compactor.
- ▶ Add a layer of 10-15cm of a half-dry stabilised sand mixture:
 - ▶ **Mixture:** 10 parts sand (washed river sand) + 1 part cement, add a minimal amount of water.
 - ▶ Set up guiding woods to follow the required surface level (paving level – 5 cm for thickness of paving).
 - ▶ Ensure there is a slope of 15-20mm towards the outside.
 - ▶ Compact the mixture with a vibratory plate compactor up to +/- 10 mm above the guiding woods.
 - ▶ Finish the surface using a straight edge that is pulled over guiding woods to remove excess sand and to ensure a perfectly straight surface.
- ▶ Lay the *Arduno®* or *Old Celtic* paving one against the other.
- ▶ Use stones from different packing simultaneously to achieve a uniform effect.
- ▶ Walk over the already fixed paving.
- ▶ Use kerbs from Kilkenny Limestone to ensure the paving is stable at the edges.
- ▶ Use the vibratory plate compactor (**NOT** for *Old Celtic* Paving) to go over the finished surface.
- ▶ Finish with dry white sand brushed in to fill the joints.
- ▶ Leave some sand on the surface and repeat the brushing a number of times during the initial 2 weeks.
- ▶ 2 weeks after fixing, the surface is ready to be used as a driveway for your car.