

# Paving and pool copings

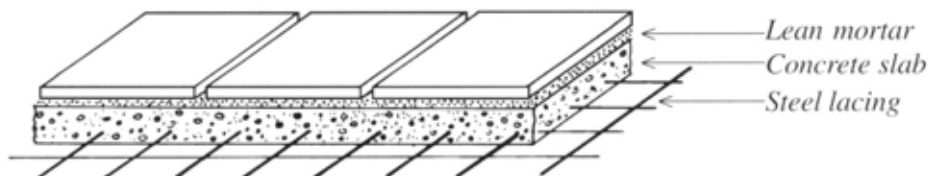
# WESER

## Laying paving

There are several techniques for laying paving. To be in accordance with building regulations, however, paving must be laid on a concrete screed with lean mortar.

The ground must be cleared of topsoil, levelled and consolidated and drained if necessary before being compacted. If necessary, lay and compact crushed stone. Never lay paving on a recent or uncompacted backfill.

Pour a concrete screed 8 to 12 cm thick on firm ground, using 300 kg of cement per cu. m, with steel lacing reinforcement.



- The concrete screed must have a 1:100 to 1:50 slope to evacuate rainwater in the desired direction.
- Leave expansion joints between the slabs, and alongside the pool and all buildings.
- Wait until the screed has fully hardened before laying the paving. One month is the normal minimum waiting time, unless the laying mortar is separated from the screed by polythene sheeting. (This type of sheeting, if laid with the necessary overlap and slope, can have the added advantage of preventing seepage).
- Lay Weser paving on at least 3 cm of lean mortar, using 250 kg of OPC cement per cu. m of 0/5 mm dry sand (do not use other types of cement or products containing lime). The mortar must be levelled with a straight-edge between reference points to give it a regular surface, and then sprinkled with fixing cement.
- Dampen slightly the underside of the paving before laying, but do not soak it. Work from the paving already laid.
- Tamp the paving into place with a wooden block. The paving must have a slope of 1:100 to 1:50 to evacuate rainwater.

## Laying pool copings

- Coping elements must be laid and fixed on an underlying base wide enough to avoid projection.
- They must be laid on lean mortar sprinkled with fixing cement, like the paving.

## Joints

- We do not recommend laying paving to touch edge to edge. If the joints are not filled with mortar, at least 3 mm must be left between stones, and filled with fine sand brushed in after laying. However, this solution does have some drawbacks (accumulation of dirt, water seepage under the paving, etc.).
- To be in accordance with technical recommendations, the paving should be laid with 1 cm joints filled with firm mortar. The best solution is to use Weser-Mix JL mortar available in cream-colour, off-white and Esterel red, giving joints the same colour as the paving and the coping.
- The joints must be filled very carefully using a small trowel or cartridge gun, at least 24 hours after laying the paving. Never grout the joints. To avoid staining the paving, clean off any excess mortar with clean water and a sponge.



### Extra advice

For good results, we recommend that you mix stones from several pallets. As the paving and coping are made from natural materials, some slight colour variations are possible, depending on the batches of raw materials we receive.

The lime contained in hydraulic cement may under certain circumstances give rise to some efflorescence during hardening ( usually whitish rings and marks of calcium carbonate and lime). This natural phenomenon fades or even disappears completely with time, especially in the presence of rainwater. To get rid of it more quickly, we recommend the use of Weser-Net efflorescence cleaner (see below).

In all cases, any complaints concerning the aspect of any products must be made before the paving or pool copings are laid. Moreover, the guarantee is limited to the replacement of products found to be defective; it excludes all costs of removing or laying.

### Cleaning and protection

Weser have developed and tested a wide range of products to clean and protect paving. For further details, please consult the technical instructions of each product. Just like natural stone, paving and pool copings made of reconstructed stone need to be cleaned regularly to keep their original aspect. However, as they are made with natural materials, some weathering is normal with time.

- *WESER-NET EF: Efflorescence cleaner.*

This product dissolves efflorescence. It should be applied in diluted form using a stiff broom, then rinsed with water to remove all traces. Never let Weser-Net EF dry on paving, as this may lead to the appearance of fresh marks.

- *WESER-PRO HY: Protection of paving.*

This product makes further cleaning easier and prevents dirt marks. Thoroughly clean the paving and leave to dry. Then, after making sure there are no traces of acid or alkaline products, spray the product onto the paving, in one go, without saturating the surface. Close to a pool, do not use more than 5 l per 30 sq. m to avoid the risk of surfaces becoming slippery when wet.

- *WESER-NET MO: Removal of greenish marks due to algae and moss.*

These micro-organisms develop during wet weather as green marks and turn black in dry weather. Spray the product onto the marks.

- *WESER-NET MI: Removal of grease stains and greasy marks.*

These marks are often the result of using a barbecue. As old stains are always harder to remove than fresh ones, it is better to clean them as soon as possible.



**WESER SA**  
F 37130 MAZIERES DE TOURAINE  
Tel. 33 247 96 23 23  
Fax 33 247 96 44 69  
Internet [www.weser.fr](http://www.weser.fr)

Your local distributor:

**Addstone (UK) Limited**  
**01785 818 810**  
**[sales@addstone.co.uk](mailto:sales@addstone.co.uk)**  
**[www.addstone.co.uk](http://www.addstone.co.uk)**

Because they are made with natural aggregates, these products may vary slightly in colour. Such differences are normal and may not be considered a cause for complaint. We strongly recommend mixing the blocks when laying them to obtain best results.