



SCHELLEVIS®



**SCHELLEVIS®
INSTALLATION
GUIDE
PAVING**

GUIDED BY NATURE

We believe it's important that an outdoor space is well-balanced and exudes tranquility. Because in a living environment like that, you can relax; you're in your element, enjoying it. Whether alone or together with others. The outdoor space is the Schellevis® domain and nature is a major source of inspiration. We connect architecture with nature, with respect for the environment. That's how we contribute to a sustainable, natural experience of the outdoor space.

INSTALLATION GUIDE FOR SCHELLEVIS® PAVING

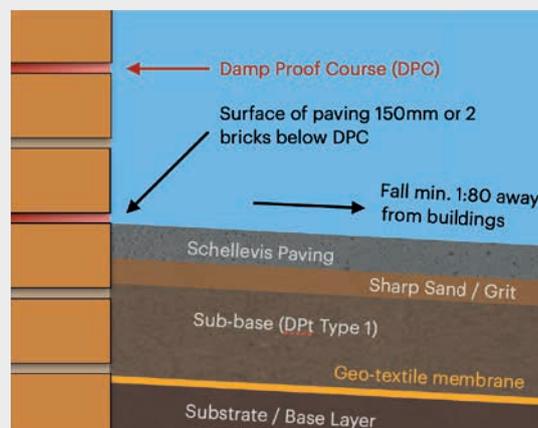
Main considerations before starting:

- Place both the top and side in sight. Note that both have the unique Schellevis® structure.
- There may be natural variations in structure and colour in each batch. This variation is part of the natural character of the product.
- Have the right amount necessary for a total project delivered in one order, to avoid subsequent deliveries from different batches. To compensate for cutting waste, it's wise to order a minimum of 10% more than the net requirement.
- Mix products from different pallets and layers, when installing, for the most natural-looking result.
- When the pallets are delivered, have them placed on a hard and level surface. Stack no more than two pallets on top of each other to avoid breakages and damage. The pallets should ideally be stored inside, especially if stored for a prolonged period.
- Before laying, check the products for correctness, incompleteness or any defects. By using the products, you accept the goods. Any issues found must be raised immediately.
- Do not cut or grind the tiles on the patio. Make sure that no earth, contaminated sand or cement is left on the tiles. If so, remove it immediately with a lot of water and a soft brush in order to avoid staining.
- Lime bloom (efflorescence) can appear on concrete products. It will disappear with time and does not affect the quality of the products.

Bed

Lay the products on a bed that is stable, level and draining. That way, the products will be well anchored and you will prevent subsidence. The sub-base is the most important layer in build-up, as it provides strength. As a minimum guide, the following should be used (in order);

- Geotextile non-woven (permeable) membrane - this helps prevent the sub-base material sinking into the underlying layers, which can lead to excessive settlement.
- Min. 100mm DPt (MOT) Type1 for pathways or min. 200mm Type1 for driveways. This should be compacted mechanically in max. 75mm-layers at a time.
- Ensure your sub-base has at least a 1:80 fall, with the sub-base remaining consistently the same thickness. Also, be sure to make falls run away from any buildings and towards drainage channels (or soakaway areas for SuDS-compliant installations). If you wish to install our paving in a SuDS-compliant system, please speak with the team and we can recommend a suitable product to use with our products.



Using concrete (rigid) sub-bases has become common practice in recent years and this installation method can also be used with Schellevis® installations. However, it is worth mentioning that the lime bloom found on the surface of the slabs laid will be more pronounced when compared to slabs laid on a flexible bed (Type1 base and sharp sand screed). This is due to the additional lime being trapped under the surface on the terrace. It is best practice to allow a concrete sub-base to season for a minimum of 6-8 weeks, before laying paving on top of it, to help reduce the efflorescence found on the laid surface.

When preparing the bed, bear in mind that the finished paving should be a few centimetres higher than the surrounding flower beds. That prevents dirt getting onto the paving during rainfall. Good drainage is also essential, especially if you're working with large format tiles/slabs since they have fewer joints.

Laying and edging

Have the slabs laid by professionals. The Schellevis® slabs are delivered on pallets with the open structure upwards. It's important to lay the slabs this way too. If necessary, use a vacuum suction tool with the correct lifting capacity. Make sure that the suction cup is smaller than the slab itself. Important: for tiles smaller than 8 centimetres, the suction power must not exceed 250 kilograms. Once laid, you must never use vibratory compaction on our slabs. Always use a rubber mallet.

When laying the products, not only is a good bed important but the correct edging is too. So place edging at the ends of the paving. As a rule, the edging should be placed between 1 and 3 centimetres lower than the paving.

It is possible to successfully lay Schellevis® on a variety of different bedding materials. Examples; rigidly on sand/cement mortar, or flexibly on a compacted screeded sand bed. Any cement-based bedding options will cause an increase in efflorescence found on the surface of the paving. Please speak with a specialist for more information.

Joints

Schellevis® tiles and slabs are tapered and the products must be laid with a minimum joint of 5mm (from the base of the slabs). The thicker the product, the broader the joint (maximum 10 mm.) This helps prevent damage to the edges. A joint gives stability between the paving stones, compensates for the minimal deviations in sizing and reduces the growth of weeds between the slabs.

When you start jointing, it's important to use uncontaminated material. Always start by removing the excess material from the tile and then rinse the paved area, to prevent staining. Use fine sand or split basalt/granite (1 to 3 millimetres). We advise against using crusher run or infill sand, since the stains they cause cannot be removed from our slabs. It's also possible to apply fixed grout. In that case, follow the supplier's specific instructions for use. Schellevis® cannot be held liable for any damage or staining caused by using a chosen grouting system incorrectly. Please speak with a grout supplier to ensure their products are suitable to use with Schellevis®.

Cutting and cleaning

Do not use the area in which the products are to be placed as a workplace for cutting the tiles. It is important to use water-fed cutting equipment and cut tiles must be cleaned immediately after cutting, to avoid staining. If you'd like to know more about how to clean our products, please read the Schellevis® maintenance and cleaning instructions.

There may be some variation in a single colour due to the production process and the use of natural materials. The colours shown above may deviate in reality due to limitations of the printing process.

All specifications and information have been collected with the utmost care. Schellevis® accepts absolutely no liability for any errors or incompleteness in the documentation and its consequences. In the interests of renewal and improvement, we reserve the right to make changes to the products and specifications.

