

Installation instructions for Unicopark

Product description

Thanks to its unique construction-kit philosophy, Unicopark can make a room look unlike any other. With Unicopark, the client can enjoy exclusive access to custom parquet for their floor plan. The interplay between different plank widths and a plank length of up to 4 metres results in a fascinating room effect, making Unicopark perfect for larger indoor spaces.

Types of installation

Unicopark is only intended for full-area bonding or screw attachment to appropriate substructures. Floating installation is not recommended.

Appropriate base surfaces

Unicopark can be installed on professionally built subfloors or base surfaces. These include: cement and calcium sulphate screeds, calcium flow screeds, poured asphalt, wooden composite panels, dry screed elements.

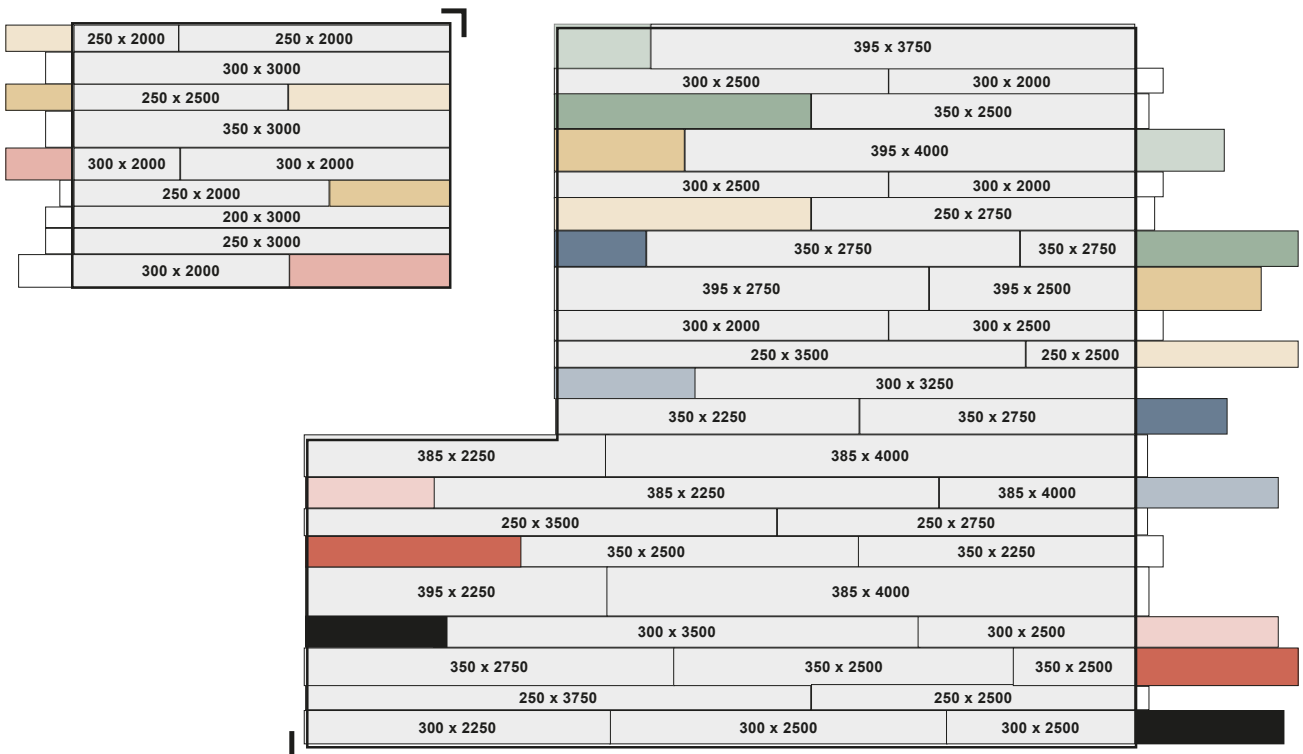
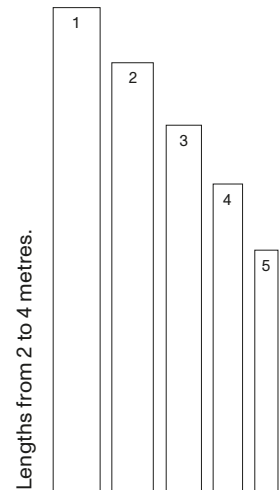
Please contact our Application Technology unit if bonding to old base surfaces. Any elastic and textile floor coverings are not an appropriate base surface, and must be removed without residue.

The subfloor must meet the standard requirements for parquet installation, such as evenness, surface strength, freedom from cracks, cleanliness, dryness, etc., and must be checked before installation. In terms of flatness, stricter requirements must be met, as per SIA 253 and DIN/Önorm 18202 (Table 3 Line 4).

Unicopark is suited for installation on underfloor heating. Application of additional adhesive is recommended. The installation instructions (especially in terms of base surface moisture) must be followed with particular care.

Installation plan example. The colour-coded off-cuts are again used as starting pieces at the appropriate width. The black angle shows the start of the installation.

- 1 – 395 mm
- 2 – 350 mm
- 3 – 300 mm
- 4 – 250 mm
- 5 – 200 mm



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Moisture content value table

	SIA 253 and manufacturer's instructions	DIN 18365 / Önorm B 5236
Unheated cement screed	2,3 %	2,0 %
Heated cement screed	1,5 %	1,8 %
Unheated calcium screed	0,5 %	0,5 %
Heated calcium screed	0,3 %	0,3 %
The CM method is used as per TKB data sheet No 16		
Using the KRL method as per TKB data sheet No 18		
Unheated mineral base surface	max. corresponding relative air humidity 80 %	
Heated mineral base surface	max. corresponding relative air humidity 75 %	

Tools and equipment required

- Bill of materials
- Installation plan
- Saw
- Toothed spatula
- Metre ruler
- Straight edge or chalk line
- Mallet
- Weights
- Wiping cloth

Suitable adhesive

We recommend using Bona Quantum or an adhesive classified as hard elastic according to ISO EN 17178. The processing instructions of the adhesive manufacturer must be strictly adhered to in any case. If a difficult and very dry indoor climate is expected, it is best to consult our application technology department.

Installation

When an order is placed, an exact installation plan must be prepared, and strictly followed during the installation. All planks receive a stamp with their respective format on the underside. This is to ensure that the desired installation pattern is achieved and that the material received is correct in terms of quantity and proportions. The delivered packages are to be checked or matched with the enclosed parts list before installation. Edge joints must be calculated to all adjoining building elements. We recommend a minimum 10 mm wide expansion joint, also to avoid possible sound bridges. For larger rooms and a screw connection, at least 1.5 mm per metre of width must be calculated. Adhesive must be applied to one side of the supplied tongue inserts for the end faces. Then insert spacer wedges between the parquet and the wall, and apply weights to the edge areas. Once the adhesive dries, remove them.

Application of adhesive: apply the adhesive using a suitable toothed spatula, as instructed by the manufacturer of the adhesive. Pre-apply only as much adhesive as will be sufficient for the exposure time of the adhesive. Pay particular attention to applying the adhesive evenly. Marking up additional reference lines is recommended for exact pre-application. During the installation, it is recommended to set the surface with wedges inserted between the wall and the parquet.

When installing on a wooden subfloor, e.g. suspended flooring, plank flooring or wood-based panels, the planks must be screwed to the subfloor. The direction of installation should be diagonal or at least crosswise to the direction of installation of the subfloor. To reduce creaking noises, we recommend laying a diffusion-open foil or separating layer as an intermediate layer. The edge distance must be at least 10 mm or at least 1.5 mm per metre of width.

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Important installation instructions

- Check the parquet elements for visible defects or damage in natural lighting. Do not install elements with visible defects or damage.

When installing, pay attention to batch consistency and even wood grading appearance. The more rustic the grading is, the more packages must be opened to create an even grading appearance. Deviations from our grading classes must be claimed before installation. For this, check our grading pictures on www.bauwerk.com, or if in doubt, contact your contract partner. No claims will be accepted for installed elements with optical defects.

- Unicopark packages must be treated carefully to avoid damage.
- Open the packages shortly before installation.
- Store ensuring protection against moisture.
- Parquet by Bauwerk is a natural product. Bauwerk Unicopark planks are dried down to a moisture content of 7.5+/-1%.

Rooms should be dry and heated for installation. All outer windows and doors must be installed, all masonry, screed, tiling and painting work must be completed long before the installation of parquet starts. In the rooms, a temperature of at least 18 °C, and a relative air humidity of under 75 % must be maintained; the material and the base surface must have a temperature of at least 15 °C.

Please make sure that after the installation, proper temperature and a relative air humidity of less than 75 % is maintained in the rooms.

- Cut-off parts of strips produced when adjusting them to cross walls may be reused in other sections.
- The edge areas must be weighted/or loaded particularly carefully to secure full-surface bonding, because the screed is often uneven there. In order to achieve good bonding, the parquet surface must be subjected to sufficient weight during the curing period of the adhesive.
- Freshly installed Unicopark surfaces must be walked on for as little as possible for a few hours.
- Adhesive tape for fastening covering materials must not be attached directly to the surface of the parquet, as this can result in damage to the surface treatment.
- The installation of Bauwerk Unicopark should be the last task carried out at the construction site. If this is not possible, the floor must be covered (with cover fleece 1002 2248 or similar product) for protection.
- **After installation, we recommend carrying out an initial care according to our care instructions for natural oiled surfaces.**

General notes

- Due to the large formats of the individual planks, the swelling and shrinkage masses are greater than with classic parquet floors.
- In very dry climatic conditions in winter, enlarged joints and cupping may occur; air humidification and maintaining a healthy room climate (20 to 22 °C, and 35 to 45 % air humidity, with heating) can prevent this effect.
- Solar radiation leads to natural discolouration of the wood colour.
- To prevent severe soiling of the parquet, sufficient dirt barriers and dirt-trap areas are necessary.
- Felt gliders under furniture, table and chair legs, and under similar objects prevent unnecessary scratches and dents in the surface of the parquet.
- Placing a transparent plastic mat in the office chair area will prevent local wear.