



## PURLINE 1500 PLR383C | COTTON BEIGE | BROADLOOM 200 CM

# WINEO PURLINE 1500 ORGANIC FLOORING | ROLLS

### GENERAL

With this instruction we would like to inform you about the special requirements for a successful installation of PURLINE 1500 roll for gluing. Keep in mind that polyurethane floor covering is a separate product category according to EN 16776 and follow the installation instructions. For further information, please check the technical specification on the product page.

### RECEIVING, ACCLIMATISING AND THE STORAGE OF MATERIALS

Check before processing of the delivered products are in good condition. The rolls must be stored upright. Cut or misplaced goods are excluded from complaints. Check the products before installing them for color and batch number. Only lay rolls of the same batch in the same room.

The relevant national norms, guidelines, and regulation as well as the technical references and acknowledge rules of the field apply for the installation of PURLINE 1500 roll for gluing. In particular, keep the following guidelines in mind.

### CHECK OF THE SUBFLOOR

The installer must check the readiness of the subfloor before laying the floor and address any concern. Especially in case of:

- major unevenness
- insufficiently dry subfloor
- insufficiently form, too porous and too rough surface of the subfloor
- contaminated surface of the substrate, e.g. by oil, wax, varnish, paint residues
- incorrect height of the surface of the substrate in relation to the height of adjoining components

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- unsuitable temperature of the substrate
- unsuitable room climate
- missing heating protocol for heated floor constructions
- missing protrusion of the edge insulation strip
- missing marking of measuring points for heated floor constructions
- missing joint plan

To level out unevenness and create an evenly absorbent surface, it is recommended to apply a suitable levelling compound in a sufficiently thick later using the squeegee technique. Non-absorbent surfaces or subfloors blocking rising damp must be levelled with a layer thickness of at least 3 mm. Follow the instructions of the supplier of the construction materials. Keep when attaching the PURLINE 1500 roll for gluing to the floor heating system the EN1264-2 (Room Surface Integrated Heating and Cooling Systems with Water Flow Part 2) in mind as well as the national requirements. The surface temperature should not exceed 27°C permanently.

The following tools are being used for installation:

1. Hygro-thermometer
2. Pencil
3. Scale rule/tape measure
4. Dolphin knife with hook and trapezoid blade
5. Chalk line
6. Edge cutter
7. Adhesive spatula with A2 size teeth
8. Linocut
9. Hand pressure roller with two rollers
10. Pressure board
11. Sectional roller min. 50 kg

## **Acclimatisation:**

PURLINE 1500 roll for gluing must be cut to size and be laid out in the room to be laid at least 24 hours before installation under the following conditions : the temperature of the subfloor should be between 15 and 25°C, the room temperature should be above 18°C and the relative humidity below 65%. This ensures optimum laying out of the strips. If it is not possible for the rolls to be laid out in the room, they can also be acclimatized standing loosely rolled up after cutting, Laying aids must also be acclimatized.

Make sure constant room climate conditions exist during the acclimatization as well as during the setting phase of the adhesive. The room climate mentioned before should be maintained at least 72 hours before, during and after bonding the floor covering. The floor heating must be kept constant during this period between 18 and 22°C.

## **Installations:**

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PURLINE 1500 roll for gluing must be laid in the same direction. The factory edges should always be trimmed before laying. Lay out the floor covering lengthwise with an overlap of around 2 cm per strip for the subsequent seam cut. For the wood decors, it is not necessary to pay attention to the repeating pattern, but a length allowance of 10 cm per strip should be kept to guarantee an offset of the wood joint on the front side.

When cutting the sea, make sure for the cut to run directly next to the wood joint and for the wood joint to remain on the other side. If the floor is being grouted at a later date, the seam cut should run directly in the wood joint.

- Now beat or roll the sheets back to the center of the room. A beating cord should be used to achieve a straight adhesive approach.
- Now apply the suitable adhesive evenly lane by lane following the instructions of the manufacturer. An adhesive spatula with TKB toothed strip (A2) is recommended for this purpose.
- Now push the sheets around 10cm into the freshly applied adhesive in order to avoid visible glue marks later. Continue in the same way on the other side.
- Allow the adhesive time to flash off according to the instructions of the manufacturer considering the conditions of the room climate. Now place the covering in the adhesive bed in the 'tack phase' (attention: no adhesive bed bonding).
- To achieve an optimum installation result, the floor must be rubbed carefully into the adhesive bed directly after placement, from the center to the sides (e.g., with a cork or surface scraper).

### Seam cut:

Cut the seam directly after inserting and rubbing the covering with a suitable seam cutter (e.g., 'Linocut' or seam ripper) to a distance of approx. 0.5 mm between the covering edges and press the seam again with a seam roller. Seams being grouted at a later time, can be cut tight to 0.3 mm without compression. Due to different climatic conditions at the construction site and the associated reaction time of the adhesive used, a larger seam spacing may be necessary. A test bonding should be carried out if necessary.

Afterwards, but not later than 30 minutes after manual rubbing, the floor is evenly and slowly rolled using an articulated roller (weight min. 50 kg). Check that the floor covering is sufficiently wetted with adhesive.

Now cut the covering all around so that the edge joints remain open to avoid sound bridges and compression on walls and door frames. After the partial surface has been laid and all seams have been cut, carefully roll the surface and all edge area once more. Now knock back the flooring from the opposite side as well. Avoid adhesive transfer at the cover edge of the covering. After the appropriate flash-off time, push the covering strip by strip into the adhesive bed and rub and roll the floor carefully as described above.

Thermal sealing of the seam edges in hygienic and damp areas is generally recommended. This must be done no earlier than 24 hours after installment or after the adhesive has set (following the instructions of the manufacturer).

### Thermal welding:

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Mill the flooring seams to a minimum depth of 2.0 mm and a maximum width of 3.5 mm. Seams in edge areas should be gouged to the appropriate width and depth using a suitable joint extractor.

Set the welding machine to approx. 450°C. Use a 5.0 mm speed welding nozzle to insert the fusion wire.

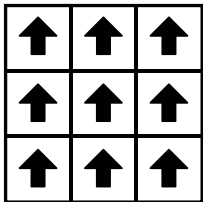
Push off while warm half of the fusible link with the 'Mozart' push-off knife with spacer plate (0.7 mm). Allow the remaining, excess fusible link to cool completely and then push it off flush with the surface or floor covering using the 'Mozart' push-off knife without spacer plate.

## 2-K joint material:

Sealing the floor joints with 2-component joint sealants is possible if required after prior consultation with the Windmöller GmbH application technology department.

The installed surface must not be put into operation/loaded before the adhesive has completely set (following the adhesive instructions of the manufacturer). Please note that the contractor has a maintenance obligation (protection of the floor covering against damage by other construction work) for completed, but not yet accepted trade. Please use vapor-open covering material. Through partial acceptance, the maintenance obligation for the accepted areas is transferred to the client.

### LAYING DIRECTION



Monolithic



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