

Technical Information

wineo

Tolerances, dimensional accuracy and height difference PURLINE for gluing

Wineo modular polyurethane floor coverings are laid without tension. This gives the floor an authentic character. In addition to manufacturing tolerances, the substrate and the craftsmanship involved are also important factors in professional installation. This means that joints of varying sizes may occur around each element. This is typical for this type of product and is not considered critical in terms of durability and cleaning.

The standard: Resilient floor coverings – Heterogeneous polyurethane floor coverings – Specification;
The British version EN 16776:2016 provides the following information on manufacturing tolerances:

Table 1 — General requirements

Characteristic	Requirement	Test method
Roll form: length in m width in mm	Not less than nominal values	EN ISO 24341
Tiles: side length in mm Does not apply to planks squareness and straightness for side length: mm ≤ 400 mm > 400 mm	Deviation ≤ 0,15 % of nominal length up to 0,5 mm maximum Deviation allowed at any point ≤ 0,25 ≤ 0,35	EN ISO 24342
Overall thickness in mm - average ^a - individual results in mm - minimum overall thickness	Nominal value + 0,13 - 0,10 Average value ^b ± 0,15 1,20 mm	EN ISO 24346

If the tolerances specified here are fully utilised, this theoretically results in significant values. For square tiles laid in a cross pattern/checkerboard pattern, joint widths of up to 1.0 mm would be permissible on two sides. Furthermore, the thickness of the covering may vary from +0.13 mm to -0.10 mm. This means that a height difference of up to 0.23 mm is within the normative tolerance.

Joints are normal in modular floor coverings and should be regarded as typical for this type of product. Due to the typical properties of the product, they will probably change in both directions over the course of use and throughout the seasons.

If laid and cleaned correctly, no disadvantages are to be expected.

Kind regards,

Your team at Windmüller GmbH