

Measurement of the evenness tolerances according to ÖNORM completing DIN 18202

The evenness of an underfloor is usually determined with a leveling rod and a wedge.

In order to perform the leveling rod test, determine the highest points of the underfloor under the set rod. The simplest method is to draw a sheet of paper under the rod, from the middle to the exterior until it cannot be further moved: that is the highest point of the leveling rod.

Repeat the same operation moving the paper to the other end of the rod until it stops to find the other highest point.

The distance between the two highest points is the measuring distance. Insert a wedge under the levelling rod in the point of maximum gap between the lower edge of the rod and the underfloor surface.

This distance is called gauging. During this test, the levelling rod must not lie horizontally and no measurement must be made under the rod ends (see fig.1)

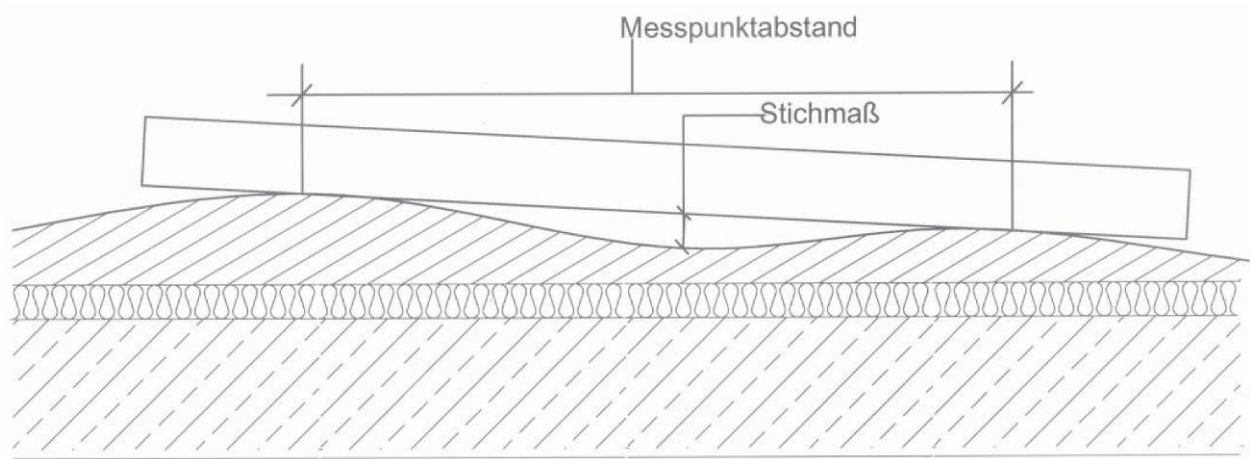


Figure 1 (Verification of the evenness tolerances)



Figure 2 (Verification of the evenness tolerances)

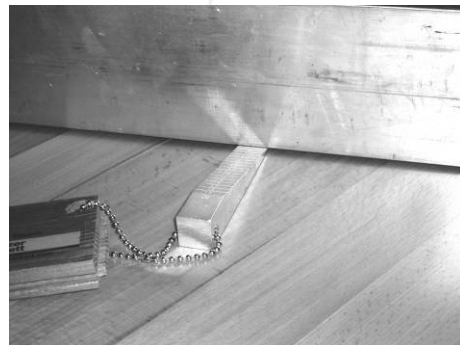


Figure 3 (Partial Detail)

For a distance of, for instance, 1 m measured between the points, 4 mm will be conceded floor. If the evenness requirements are stricter, a maximum of only 3 mm will be acceptable..

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Closing Instructions

This technical data sheet is based on an extensive experience and is meant to offer you best advice. Restrictions and warnings are included to prevent the risk of error. By their nature, these data sheets cannot consider all the possible uses and all the current and future characteristics, partly due to the great diversity of wood as a material. Therefore, the floor specialist must request information whenever in doubt, perform on-site tests on his own responsibility and perform all operations with extreme care. Furthermore, the data sheet does not provide information assumed to be known by specialists. The content of the data sheet is not legally binding and therefore cannot be taken as a basis for warranty and liability claims.

Feel free to contact the WEITZER PARKETT team for any additional questions.

Gauging to determine the evenness tolerances for underfloors and floors.

Measured distance between the points in (m)	Gauge (mm)
up to 0.1	2
up to 1.0	4
up to 4.0	10
up to 10.0	12
up to 15.0	15

Gauging to determine the evenness tolerances for underfloors and floors in case of stricter requirements (e.g. in certain areas or as required by the beneficiary).

Measured distance between the points in (m)	Gauge (mm)
up to 0.1	1
up to 1.0	3
up to 4.0	9
up to 10.0	12
up to 15.0	15

Figure 4