

The minimum requirements of coating systems for wood floorings.

The first labels for the conformity to the UNI T1622 standard have been awarded

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The standard UNI T1622-1 “Indoor wood and/or wood based flooring - Protective surface treatments - Minimum requirements for coating systems” has been published in 2016.

Many operators still consider it as a parquet performance testing tool but ... that is not the case!

In fact, its real field of application is the coating system or the coating material used for the protection of wood floorings and other similar products (e.g. stairs).

The UNI T1622 is therefore a tool for selecting the proper coating for the wood flooring according to its intended use.

According to this standard, flooring coatings can be distinguished in three categories: “High attendance”, “Media attendance” and “Low attendance” which, for example, in a domestic environment, can reasonably be matched to the “kitchen” environment most subject to severe use with consequent wearing and staining problems, the dining room where there is a moderate use and finally the bedrooms, being the most bland environment.

In order to verify whether the minimum requirements required by the standard have been achieved, the coating system must be applied to a standardized substrate (vaporised beech plywood), creating a continuous and homogeneous film on its surface.

Important! The standard does not apply to waxes, oils or coatings with “open pore” effect, although it may be useful to characterize them.

Just a year after the publication of the standard, CATAS has awarded the first “labels” by classifying two coating systems for low and medium attendance.

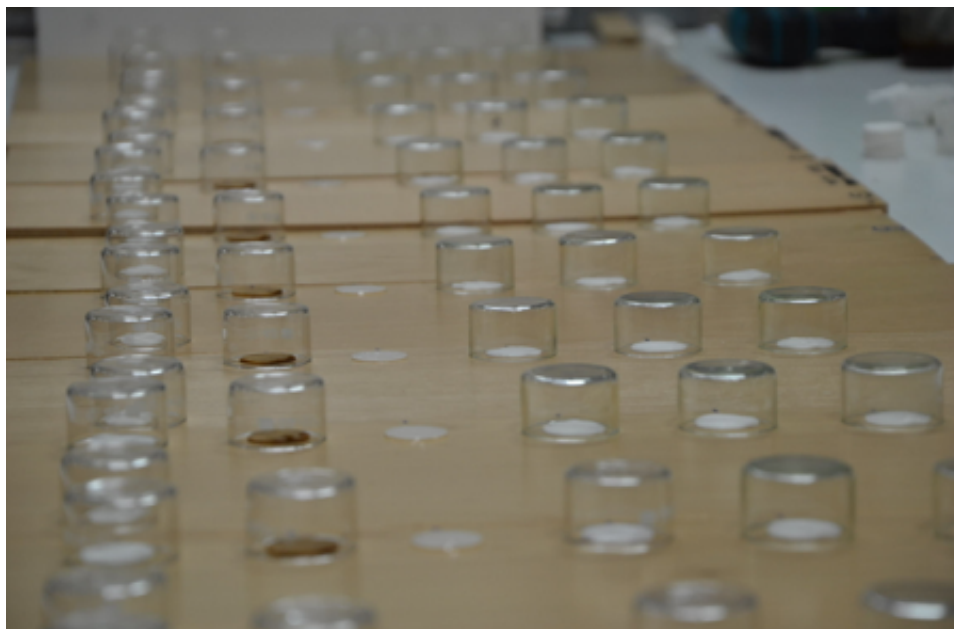


The labels reported by UNI T1622 are simple images of a house with one, two or three footprints. They can be used to immediately identify the coating suitable for the specified environment.

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These pictures show the cold liquid resistance tests performed at Catas during the long phase of standard setup. The study involving six Italian coating producers was used to establish the minimum requirements then inserted in the UNI T1622-1.

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