



PROVITAL f

Surface characteristics ProVital finish

Intelligent parquet functions

- **Allergy-friendly features**

ProVital finish surface dispenses with the use of common, allergy-producing substances. Also, the establishment of molds, which may have an allergenic effect, is almost completely excluded by ProVital finish surface in balanced indoor climate¹.

- **Antibacterial features**

Establishment and survival of microorganisms, such as bacteria, is largely avoided by ProVital finish surface applied to natural wood material. Should bacteria still accumulate, it can be almost completely removed by suitable cleaning so that the number of bacteria lies below the detection limit¹.

- **Antistatic**

Products with a ProVital finish surface are rate das „antistatic“ (certificated according to EN 1815:2014, and classification following EN 14041:2008)

- **Breathable**

The ProVital finish surface finish achieves almost 80% of the breathability of unfinished wood.
(certificated according to DIN 52615 T1)

- **Warm for your feet**

With a parquet treated with ProVital finish, the temperature felt in the feet is verifiably up to 2.2°C higher than with other floorings.

¹Practical test: long-term walking test in an office building with street shoes, under conditions of normal stress. Following the test period, a normal dry floor cleaning (vacuum cleaner) was conducted; subsequently, the number of germs was determined, according to EN ISO 11737-1.

Safety

- **Reaction to fire**

The ProVital finish surface accounts for the fact that the majority of all Weitzer Parkett floors comply with the requirements of the highest fire category, Cfl-s1, according to EN 13501. There are two common fire categories in the parquet segment, with Cfl-s1 standing for "fire-resistant" and Dfl-s1 for "normal flammability".

Resistance

- **Chemical resistant**

ProVital finish surface has been tested, according to DIN 68861, Part 1 (testing of surface properties).

- **Disinfectants**

It is resistant to common alcohol-based and acetate-based disinfectants.

- **Saliva and sweat resistant**

The surface has been classified as saliva and sweat resistant, according to DIN 53160-1/2.

- **Toys**

The surface is approved for toys without restrictions, on the basis of DIN EN 71, Part 3.

- **Food utensils**

Suitable for food utensils owing to the choice raw materials used for the protective coating (according to Section 5, Para. 1, No. 1 of the German Food Law (LMBG, Lebensmittel- und Bedarfsgegenstände-Gesetz)).

- **Blue Angel and DiBt**

The coating system meets the requirements of the "Blue Angel" environmental label and has been approved by DiBt (German Institute for Construction Technology) for use in Germany.

- **Naturalness**

According to ÖNORM C 2380, the ProVital finish surface finish is a natural oil surface. This means a raw material share of at least 90% from natural sources.

Environmental harmlessness

- **Origin**

All components of the ProVital finish surface are manufactured in the European Union in compliance with the strict European standards applicable concerning human rights, employment protection, occupational health protection, the environment and quality.

Substances / composition:

- The coating system complies with the requirements of the environmental label of "Blue Angel" (RAL UZ176), in that they don't contain
 - carcinogenic, mutagenic substances or substances endangering procreation
 - asbestos
 - heavy metals (like lead, cadmium or mercury compounds)
 - phenols and cresols
 - pentachlorophenol (PCP), polychlorinated bi- and terphenyls (PCB, PCT)
 - lindane
 - material protection agents (pesticides, fungicides, insecticides, bactericides, herbicides or flame retardants)
 - the organic solvents: benzol, methyl glycol, ethyl glycol, methyl glycol acetate and ethyl glycol acetate
 - volatile chlorofluorocarbons or chlorinated hydrocarbons
 - formaldehyde
 - colorants, dyes and pigments not in compliance with EN 71 - 3 (safety of children's toys)
 - banned azo dyes, according to the foodstuff and consumer goods law
 - halogens / halogen-organic compounds
- Moreover, the coating is free of other toxic substances, such as
 - Softeners (phthalates) relating to EN 71-3
 - Potent greenhouse substances: PFC (perfluorocarbons), HCFC (hydrochlorofluorocarbons) or CFC (chlorofluorocarbons)
 - PVC (polyvinylchlorid), PU (polyurethane)
- The ProVital finish surface complies with the requirements according to the AgBB table. The Committee for the Assessment of Building Products Related to Health (AgBB-Ausschuss zur gesundheitlichen Bewertung von Bauprodukten) is the association of German environmental and healthcare authorities. It is responsible for the establishment of emission limits for building products marketed in Germany.
- The VOC emissions (volatile organic compounds) fall below the threshold values, according to the criteria of the "Blue Angel" and there are no organic solvents left after a complete through drying.

Disposal

According to the German Waste Wood Ordinance, which regulates the material and energetic recycling and disposal of waste wood, Weitzer floors with a ProVital finish surface are to be classified under waste wood category II. This category is the highest that processed wood can attain and it means that products belonging to this waste wood category are completely suitable for a recycling of materials, for instance as raw material for the wooden board basic material sector.



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