

## Engineered Wood Flooring Product Specification

PRODUCT CODE : KFC-078250 Multilayer Oak Flooring

Smoked Cotton White Colored Light Brushed Oiled Wide Plank

### Product Details

*Wood Type : European Oak*

*Size : 15mm thick x 190mm wide x 1860/1900mm long*

*Surface Treatment : Cotton White colored , smoked , brushed and oiled*

*Finishing : German TREFFERT UV Oil*

*Length : 1860 or 1900 mm*

*Profile : Tongue & Grooved*

*Edge Bevel : Micro bevels on the all 4 sides*

*Top Layer : Solid oak top layer 4mm , Sawn cut*

*Grade : ABCD , Rustic*

*Construction : Multilayer plywood back ,Eucalyptus with poplar back*

*Adhesive : Dynea adhesive that meets European standard E0 and E1 used in the construction*

*Gloss : 10±5 %*

*Packing : Cardboard cartons , shrink wrapped with 8pieces per carton*

*Weight : 28-29kgs*

*Underfloor Heating : This floor is suitable for underfloor heating which must be operational before installation*

*Type of Installation : Glued or Floating*

## Product Characteristics - General

*Density : 660kgs/m<sup>3</sup>*

*Fire Resistance : Dfl-S1*

*Thermal Conductivity : NPD*

*Formaldehyde Emission : Class E1*

*PCP : ≤5 ppm ( about 3ppm )*

*Moisture Content : 6-9%*

*Suitability of use : Suitable for use with under floor heating in commercial and residential applications.*

*Effects from moisture : Wood flooring will expand if it is exposed to conditions that increases its moisture content beyond 9%. Wood flooring will contract if the prevailing conditions reduce the product moisture content below 6%.*

*Any exposure outside of these parameters will compromise the performance of the product.*

*Transmission of Sound: Wood flooring on its own will offer some assistance to reduce the passage of sound, but it is the build-up of the whole floor and the surroundings that contribute to impact and airborne sound. For accurate assessment's a qualified engineer should be employed to calculate how to achieve accurate results.*

## **SUMMARY TERMS**

The 20 year warranty from SHUNYANG guarantees that all of our engineered floors will be free from structural defects for a period of no less than 20 years.

This is providing that the floor has been installed correctly to our guidelines and providing that, in service, the site conditions regarding temperature and humidity are also met.

Cleaning and maintenance is also important and the correct SHUNYANG Care System must be followed.

## **GUARANTEE**

Enjoy the uncompromising quality of SHUNYANG floors. We ensure exacting standards in durability, performance and beauty of our products. It is our confidence in our products and services that is reflected in our twenty year warranty across our product range.

## **20 YEAR STRUCTURAL GUARANTEE**

The 20 year warranty from SHUNYANG guarantees that engineered floors will be free from structural defects for a period of no less than 20 years.

## **THE GUARANTEE IS CONDITIONAL ON THE FOLLOWING:**

- The floor has been installed, handled and stored in accordance with our installation guides.
- Site conditions must have remained within the SHUNYANG recommended guidelines for temperature, relative humidity, moisture and cleanliness.
- The floor has not been inappropriately sanded due to poor maintenance.
- The floor has been maintained to the SHUNYANG guidelines using the appropriate cleaning and maintenance products.

This guarantee is non-transferable.

## **EXCLUSIONS TO THE STRUCTURAL WARRANTY:**

- As the full flooring range from SHUNYANG is 100% natural it will expand and contract through variations in temperature and humidity, this is not classed as a flooring defect as it is a natural reaction and is therefore not covered by the structural warranty.
- Damage to the floor caused by improper installation, excessive water damage (Inc. flooding) is not covered by this warranty.
- Wood is a natural product, colour variations are a natural occurrence and are dependent upon the species, age, character, and exposure to sunlight. Therefore not classed as a defect under the SHUNYANG warranty

## **WARRANTY TERMS & CONDITIONS:**

- Wear/damage caused by improper maintenance of the floor is not covered by the warranty.
- Any claims for problems with the floor when installed over underfloor heating systems will only be considered when a recognised in-floor monitoring system, such as a FidBox, is fitted and can show that the recommended parameters for temperature and humidity have not been exceeded.
- The floor must not be exposed to sand/dirt/grit etc. suitable mats must be used at entrance points. Failure to adequately maintain the floor is not covered by this warranty.
- Damage to the floor due to moisture from (not limited to) leaking pipes, excessive subfloor moisture, \excessive humidity is not covered by this warranty.
- Instances where a defective board has been installed are not covered by the warranty. The installer must inspect the boards before installation. Any claims for defects that could have been seen at the point of installation will not be considered. The installer is considered to be the final inspector.
- Damage such as heel marks/indentations/scratches/scuffs etc. caused by dragging furniture/items across the floor or dropping items on the floor is not covered under the warranty.
- The installer must ensure that the subfloor is even and the floor is protected by an adequate damp proof membrane.
- The warranty does not cover damage to floors caused by any “act of God” including flood, fire or adverse weather.
- Our warranty is limited to the value of the floor as supplied only, and not any consequential loss, nor any removal or re-fitting costs.
- SHUNYANG must be permitted to arrange a survey of the floor upon receipt of a claim.
- Upon satisfactory completion of a claim SHUNYANG reserve the right to repair, re- finish, or replace the section of affected flooring.



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## WOCA Maintenance Oil

Maintenance Oil may be used for the maintenance of all oiled wood surfaces and is especially suitable for the regular maintenance of oiled wood floors. Product, room and floor temperature should be between 59°F–95°F. Ensure good ventilation at all times during the application and drying time.



### Tools Required:

Pad or paint roller, cotton cloth. Clean tools in solvent.

### How to do...

All new floors be buffed before use. Buffing will provide a hard-wearing surface and will extend the life of the floor with proper regular maintenance (once a year for normal floors, as needed for floors exposed to extremely hard wear).

1. Clean the floor with 1/4 cup of [Wood Cleaner](#) mixed with one gallon of lukewarm water. Leave the floor to dry for at least 8 hours. The floor must be completely dry.
2. Shake the container carefully.
3. Apply approx. 3.3 oz oil per 43 sqft with pad, paint roller, cotton cloth or use polishing machine for large surfaces.
4. It is important that the Maintenance Oil is carefully polished into the wood. Continue polishing until the wood appears saturated and the surface looks uniform.
5. Wipe the floor with clean, dry cotton cloths before proceeding with the next section of floor to be finished. The floor should not appear wet and there should not be any excess oil left on the surface after polishing.
6. Continue steps until the floor has been finished.
7. When polished with polishing machine the floor will be per-hardened after approx. 4 hours at 68°C and may cautiously be taken into use. Manually polished floors may be taken into use after 24 hours. Do not expose the floor to water during hardening time of 24 hours.



**Video Link:** <https://vimeo.com/138331099>