

## Refractive Ground

Colourless / Golden Orange / Old Yellow

### Description

**OW Refractive Grounds** are oil-based, highly transparent grounds that enhance, from the inside, the beauty and the grain of the wood, creating a depth effect. These grounds have been specially designed for stringed wood instruments and are compatible with oil varnishes.

They have been formulated with natural and traditional raw materials and new, stable, long-lasting colours.

The 3D depth effect developed with these products varies depending on the incident light and reveals the depth of wood warmly and transparently.

### Composition

**Refractive Grounds** are made with high-quality natural resins and oils, formulated in an optimum equilibrium between protection and beauty. These products do not contain synthetic resins/oils or cobalt dryers.

The solvents have a high boiling point and are free of aromatic compounds, which results in non-flammable and low-odour products.

### Properties

Transparent liquid. Medium viscosity.

Colour: colourless/yellow/golden

Solid matter: 45-50% aprox.

Flashpoint: > 61°C.

Good penetration.

UV light for drying.

### Application

Before applying, it is necessary to have a clean and dust-free surface.

**Refractive Grounds** are meant to fill the pores of the non-varnished woods, but they can also be used if chemical or water-based dyes have been applied before.

They can be applied by hand (using appropriate gloves) or by brush. They must be well and evenly spread to subserve their penetration into the pores.



Two layers are recommended. Each layer must be completely dry before applying the next one. Sanding the surface is recommended before varnishing.

The **Refractive Grounds** are ready-for-use products. They do not need to be diluted. However, if necessary, it can be diluted with OW Thinner or another compatible solvent to facilitate penetration. In this case, you must test its compatibility with any solvent to be used.

## Drying

Apply thin layers. Typically, thin-film applications need about 10 hours under UV light to ensure complete drying. Allow 12-24 hours to pass before applying the next coat. Again, final sanding is recommended before varnishing, with intensity depending on the obtained result.

Complete drying of each layer is essential to guarantee the quality and durability of the final coating and to avoid future surface defects.

## Storage

Keep the container tightly closed, in a cool place, and do not expose it to direct light. Avoid heat, radiation, static electricity, and contact with food. Under these conditions, the product is stable for up to two years.

According to Regulation No. 1272/2008 (CLP), the product is not classified as dangerous.

## Security



They are non-flammable products under regular storage, handling, and use conditions.

Products not classified as dangerous for the environment. Keep them away from drains and surface and groundwater.

Protective gloves against minor risks and goggles against splashes and/or projections are recommended.

Glass bottles of 30, 60 and 125 cc.  
Other sizes under request.

## **Packaging**

At Old Wood, we minimize the use of plastic containers and bags. We use recycled and recyclable materials for packaging our shipments.

All information related herein is provided to the best of our knowledge and understanding and should not be considered a guarantee. The recipient must conduct tests to determine the suitability of the information provided.

