

## Technical Gelatine

### Protein primer for your instrument

#### Description

**Technical Gelatine** is used as a protein primer. It is a pure form of glue made from delicate animal tissues and refined with greater care and purity than ordinary glue. The Gelatine has more gellative than adhesive properties compared to the glue.

The main goal of this treatment is to homogenize the wood porosity and form a barrier to obtain a more regular and controlled penetration of the grounds. This step is essential to avoid colour patches from the uneven penetration of products applied after this.

#### Composition

Technical Gelatine is a complex protein material with a significant composition of proteins and amino acids derived from collagen and small amounts of water, salts, and minerals. This composition gives it unique gelling and adhesive properties.

The commercial gelatines are composed as follows:

84-90% protein  
8-12% water  
2-4% mineral salts

They contain no fat or carbohydrates, no purine or cholesterol and are free of preservatives.

#### Properties

The Technical Gelatine has excellent adhesion to wood surfaces, making it effective as a sealer.

Gelatine can remain flexible, allowing the wood to breathe, and generally transparent when dried.

It is compatible with many types of wood and does not negatively react with the natural components of wood.

Gelatine and glue will degrade above 53°C, changing colour and losing a large part of their adhesive properties.

Soluble in warm water  
Low-odour grains  
Non-flammable  
Biodegradable



## Application

Dissolve 2-3 gr of Technical Gelatine in 100 ml of warm water (40-45 °C) and stir until blended. The solution must be fresh for use.

Apply using a sponge or brush. Spread the product evenly on the surface for varnishing.

Special drying conditions are not needed. A hairdryer can be used to accelerate the process. Before applying a second layer, rub the surface with a clean linen cloth to make it softer.

Depending on the porosity of the wood, 1 to 3 layers could be necessary.

When the last layer is totally dry, rub again with the cloth. A shiny film will appear on the wood if an excess product exists. Clean this area again with a wet cloth and let it dry.

Store it in its original container, tightly closed and cool, and do not expose it to direct light or outdoor elements. Avoid heat, radiation, and static electricity.

## Storage

Under standard conditions, the **Technical Gelatine** is stable for over two years.

According to Regulation No 1272/2008 (CLP), this product is not a hazardous substance or mixture for health or the environment.

The material is readily biodegradable.

## Security

Protective gloves against minor hazards and panoramic goggles against splashes and/or projections are recommended to prevent eye or skin contact.



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