



# HARDENER PLUS

TECHNICAL DATA SHEET



## DESCRIPTION

**PRO2 Finish** is a quick-drying 2-component acid hardener seal based on high-quality raw materials for parquet and a. Wooden floors, furniture etc. The product represents an optimum of economic and technical properties. Above all, the fast drying and the balanced film properties are to be emphasized.

## CERTIFICATES / APPROVALS

Giscode: SH1

## DEGREE OF GLOSS

semigloss, gloss, satin

## NOTE

When this seal is used, formaldehyde is emitted.

With the wood species acacia/robinia, **PRO2 Finish** must be avoided due to the risk of darkening.

## APPLICATION

The material must be mixed well with **PRO2 Finish** hardener in a ratio of 10: 1 and then processed within 8 hours (pot life).

Too much hardener leads to over-hardening and embrittlement of the sealing film, while too little hardener leads to insufficient drying. Do not use metal equipment for mixing and processing.

The drying of acid hardener seals is i.e. regulated by the acid content. Since acid and alkali (alkaline or basic substances) neutralize, care must always be taken to ensure that the seal is not exposed to alkaline conditions. This can be, for example, cleaning agents or alkaline pickling substances (e.g. wood ingredients). These neutralize part of the acid in the hardener, which means that the sealing film cannot dry sufficiently. In these cases, you can prime with SolvSeal UniQuickPrimer.

The material is applied in 2-3 layers with the roller.

Do not process below + 15° C. With a rel. Humidity > 70%, the material can also not be processed.

Alcohol based primer can be used for priming. The use of a primer remains limited to the weak to moderately stressed private area. In all other cases the first layer **PRO2 Finish** is applied with a 10-20% dilution due to the greater depth of penetration. After using alcohol based primer and a layer of **PRO2 Finish**, a light intermediate sanding (heads of the wooden tips) takes place after drying.

## DRYING

At 23° C / 50% rel. Air humidity: can be sanded and carefully walked on after approx. 60 minutes. If the ventilation is poor, the temperature is lower, the air humidity is different, and the layer thickness is increased, drying can be considerably delayed. Do not strain, place or care for carpets before 8-14 days.

## CONSUMPTION

1 roll/paint coat: approx. 85-100 ml/m<sup>2</sup> resp. approx. 10-12 m<sup>2</sup>/l

## STORAGE / TRANSPORT

Shelf life of original unopened packing min. 24 months provided that material is transported and stored at a cool and dry place. CONTAINES

1-methoxy-2-propanol  
4-Methylbenzene-1-sulfonic acid, hydrate

## STORAGE

Store in a well-ventilated and dry room at temperatures between 15 °C and 25 °C. Protect from heat and direct sunlight.

**PACKAGE:** 1 Liter/.26 Gal

**SHELF LIFE:** 24 months in unopened container

**DENSITY:** 1,0 g/cm<sup>3</sup>

## AREA OF USE

**PRO2 Finish Hardener Plus** is usable only in combination with **PRO2 Finish**, a 2-component, fast drying, acid-curing finish for hardwood floors. It is designed to be used for residential and commercial flooring.

## MIXING AND WORKING-LIFE

Add 1 part of **PRO2 Finish Hardener Plus** to 10 parts of **Pro2 Finish**. Stir well to mix the hardener and the finish. The mixture can be used for 8 hours. It must be stored in a closed container. Leftover catalyzed products may be used for up to 24 hours as a base coat.



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## HEALTH AND SAFETY INFORMATION

- Flammable liquid and vapor.
- May cause drowsiness or dizziness.
- Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources.
- No smoking.
- Ground and bond container and receiving equipment.
- Use explosion-proof electrical equipment.
- Use non-sparking tools.
- Take action to prevent static discharges.
- Avoid breathing vapors. Use only outdoors or in a well-ventilated area.
- Wear protective gloves and eye/ face protection.

**IF ON SKIN** (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

**IF INHALED:** Remove the person to fresh air and keep comfortable for breathing.

Call a **POISON CENTER** or doctor/physician if you feel unwell

**IN CASE OF FIRE:** Use extinguishing powder or sand to extinguish. Store in a well-ventilated place. Keep the container tightly closed.

Store in a well-ventilated area. Keep cool. Keep locked up.

Dispose of contents/containers to the industrial incineration plant. Contains 1-methoxy-2-propanol.

## FIRST AID

**General information:** Seek medical advice in all cases of doubt or when symptoms persist.

**In case of unconsciousness,** please don't hesitate to place in a recovery position and seek medical advice.

**In case of inhalation:** Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

**Following skin contact:** Take off immediately all contaminated clothing.

**After contact with the skin,** wash immediately with plenty of water and soap. Do not use solvents or thinners.

**After eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing. Seek medical advice immediately.

**Following ingestion:** If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep the victim calm. Do NOT induce vomiting.

## FIRE FIGHTING

Suitable extinguishing media: alcohol-resistant foam, carbon dioxide, Powder, spray mist, (water). Extinguishing media which must not be used for safety reasons: strong water jet

## FURTHER INFORMATION

### Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

