



## TECHNICAL DATA SHEET

# DECK PROFESSIONAL

### PRODUCT DESCRIPTION:

**Water protector with 2 components.** At the time of use, mix 10% with **HARDENER SK**.

Due to its high resistance to abrasion, it is recommended for high traffic outdoor floors (restaurant terraces, hotels, etc.).

Contains UV filters for protection against solar radiation.

Respectful with the environment due to its reduced content of VOC's (volatile organic compounds) below the maximum limit allowed according to the European Directive 2004-42-CE.

### GENERAL FEATURES

- **Easy brush application (homogeneous shading).**
- **Excellent resistance to abrasion, suitable for high traffic floors.**
- **Excellent wet grip.**
- **Good chemical resistance to homemade products.**
- **Resistance to yellowing.**
- **Reaction to fire, Euroclase CFL-s1**
- **Class 3 slip coefficient (exterior).**
- **Non NMP**
- **Very low greenish in oak.**
- **Low odor during varnishing.**
- **Allows the cleaning of work utensils, with water.**

### CHARACTERISTICS

Rel. mixture: DECK PROFESSIONAL / HARDENER SK	10 / 1
Lifetime of the mixture	2-3 hours
Viscosity Cup Ford N°4	20-30"
Specific weight	1,03 g/cm <sup>3</sup>
Solids mixture	25-27%
VOC's mixture (máximum limit allowed: 140 g/l)	90 g/l
pH	7.8
Abrasion resistance Taber (EN14904, CS-10/500g/ 1000 c.)	17 mg (excellent)
Coefficient of sliding (EN14904, sport centers)	Class 3
Reaction to fire (according to RD 110/2008)	C <sub>FL-s1</sub>
Appearance of the dry film	According to the selected tone.
Stability without opening the container (protect from frost)	Minimum 12 months.
Efficiency	10-15 m <sup>2</sup> /l
Drying times (100 g/m <sup>2</sup> at 20°C and 60% H. R)	
Dust dry	30 min
Touch dry	60 min
Sanding	4 hours
Overvarnishing	>4 hours



## APPLICATION

**Support and preparation:** Pre-sanded wood and conveniently clean of debris. Applicable on all types of wood suitable for outdoor pallet (Ipé, Cumarú, treated pine, etc.) Avoid the use of woods that are not very durable. The wood should be clean of dust and dirt and free of any layer of varnish or paint to facilitate good penetration and adhesion of the product to the substrate. Do not apply on woods that contain more than 15% moisture. The introduction into the market of new types of wood, will require the carrying out of previous tests that validate them for the tasks that are demanded.

**Preparation of the mixture:** Make the mixture and homogenize (possible manual agitation although it is preferable to incorporate it with a stirrer for about 1 minute) until obtaining a fluid fluid free of lumps. The mixture has a limited lifetime (2 hours). After this time the product loses properties.

**Application:** The varnish is supplied at application viscosity. If you want to dilute, use Diluent H-100 or distilled water. Apply 2-3 coats of 60-80 g / m<sup>2</sup> by brush and preferably to the grain of the wood grain. Perform sanding between layers between coats with fine-grain sandpapers (> 220). Avoid application with direct sunlight as it can cause overheating of the soil and accelerate drying excessively, causing problems during application. In case of low slip coefficient needed (class 3 according to CTE) overcoat with Deck Profesional Antideslizante.

**Drying:** In case of application in closed premises, it is recommended to provide some ventilation to the application site to facilitate the evaporation of water and avoid over-saturation. To obtain an optimum quality of varnish (both aesthetic and physical-chemical properties) it will be controlled that the temperature during application and drying is maintained around 15°-30°C and the relative humidity is below 70%. After the application of the last coat, allow at least 48 hours to pass to obtain an optimum scratch resistance.

**Maintenance:** It will be done once damage or degradation symptoms are observed. Depending on the traffic this maintenance will be more or less frequent. It is recommended to conduct an annual review. It will be enough to make a smooth sanding operation, clean the remains and proceed to the application of a new product hand, preferably adjusting to the shape of the pieces of the pallet.

**Cleaning:** Once the product is used, the utensils will be cleaned with water. If the material has been dried, it will be used for cleaning **Solvent S-171**

## COLOURS

8020	Ipe	8023	Oak	8026	Dark Walnut
8021	Pine	8024	Chestnut	8027	Mahogany
		8025	Walnut	8028	Ebony