

2-component court lining for sports floors

# SPORT-COLOR 2K

Water-based 2-component color for court lining on sports floors

## AREA OF APPLICATION:

For court lining in sport halls according to DIN 18032. Suitable topcoat is PALL-X SPORT 2K for wood floor surfaces.

### RAL-standard colors:

RAL-1018 Zinc yellow  
 RAL-5012 Light blue  
 RAL-2004 Pure orange  
 RAL-6025 Fern green  
 RAL-3000 Fire red  
 RAL-9016 Traffic white  
 RAL-5010 Gentian blue  
 RAL-9017 Traffic black

Color shades similar to RAL color palette.

The court lining must not be sanded.



## PRODUCT BENEFITS / PROPERTIES:

- ▶ very high resistance to mechanical and chemical wear
- ▶ high levelling capacity
- ▶ fast drying
- ▶ corresponds to TRGS 617
- ▶ Water seal with isocyanate-containing crosslinker, solvent content below 15%.

## TECHNICAL DATA:

Packaging:

Packsize: 1 + 0,1 l

Shelf life:

Mixing ratio: 10 : 1

Consumption per coat: approx. 10 - 12 ml/lfm at 5 cm line width

Coverage: approx. 83 - 100 lfm/litre

Working climate: between 18 – 25 °C and 35 – 65 % relative humidity

Pot life: approx. 2 hours\*

Further coats: after approx. 2 - 3 hours\*  
 at the latest after approx. 24 hours\*

## SURFACE PREPARATION:

The surface to be sealed must be clean, dry, free of impurities and sanded in accordance with the recognized industry standard.

## APPLICATION:

1. Full matt sanding of the lacquered surface with PALLMANN ABRASIVE GRID or PALLMANN POWER PAD grit 120.
2. Calibrate the court markings, mask on both sides with PALLMANN ADHESIVE TAPE FOR SPORT-COLOR 2K and rub down well with a rubber roller. Unsuitable tape can cause damage to the coating.
3. Before use, both containers must be brought to room temperature (20 °C).
4. Stir component A thoroughly and mix thoroughly with component B.
5. Apply SPORT-COLOR 2K one to two times by using the APPLICATION ROLLER SPORT COLOR 4MM/5CM. Remove adhesive tape immediately after applying the yard lines (latest after 6 hours).
6. SPORT-COLOR 2K has to be recoated after about 3 hours (max. within 24 hours) by using PALL-X SPORT 2K.
7. After use, clean tools with water.

## IMPORTANT NOTES:

- ▶ Optimum temperature is 18 to 25 °C with the relative humidity > 35 % and < 65 %. Low temperatures and high humidity will extend the drying time. High temperatures and low humidity will shorten the drying time.
- ▶ Many exotic woods such as Teak, Ipe Lapacho, smoked Oak or Wenge as well as softwoods contain ingredients (e.g. so-called inhibitors, resins or mineral storages) which can lead to significant drying delays, wetting disturbances or colour changes. Due to the variety and different qualities of these woods, the species should be established and testing carried out before coating.
- ▶ Shelf life minimum 12 months in original packaging when stored in dry conditions. Protect from freezing and do not expose to temperatures over 40 °C.
- ▶ After adding the hardener do not re seal the container to avoid the risk of excessive expansion of mixed product.
- ▶ For full-surface colour design, obtain technical advice.
- ▶ The following standards and notices are applicable and especially recommended: DIN 18356 "Working with parquet and woodblocks", and DIN 18032 "Sliding friction coefficient of sports floors".

## PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Water-based seal with linking agent containing isocyanate, solvent content less than 15 %. Suitable as a substitute material for high solvent content materials used for parquet surface treatment. Component A: Requires no special protection or precautions in general use. Component B: Contains pre-polymerised isocyanate. Harmful if inhaled. May cause an allergic skin reaction. May cause respiratory irritation. Both components: Provide good ventilation during and after use. Use barrier cream and protective gloves / goggles. Avoid contact with skin or contact with eyes. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Observe safety information on product label as well as safety data sheet. Once cured, has a neutral odour and presents no physiological or ecological risk.

## DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste. Therefore collect waste material, mix both components and allow to harden, then dispose as Construction Waste.