

SURFACE COLOR TECHNICAL DATA SHEET

POLYURETHANE WATERBORNE PAINT

DESCRIPTION

SURFACE COLOR is a one-component polyurethane waterborne paint. It is specially designed for game lines, lettering and logos on wooden sports floor or any wooden floor that requires the use of a decorative paint. SURFACE COLOR is part of a complete finishing system for wooden sports floor ensuring compatibility and performance.

RECOMMENDED USES

Sports floors: Basketball, volleyball, raquetball, squash, badminton, training gyms, dance floors or aerobic dance floors

FEATURES

- Specially designed for game lines, lettering and logos
- Perfect compatibility with Finitec Expert finishing systems
- 10 vibrant and opaque colors, mixing them together to get unlimited color possibilities
- Custom colors program
- Dries quickly
- Low VOC
- Odor-low and non-offending
- Excellent levelling and easy to work with

RECOMMENDED APPLICATORS

- 3/8 inch (10 mm), lint free paint roller
- Brush

APPLICATION CONDITIONS*

- Temperature between 70 °F and 77 °F (21 °C and 25 °C)
 - Relative humidity between 35 % and 50 %
- * Refer to *Drying and curing time* section of this document.

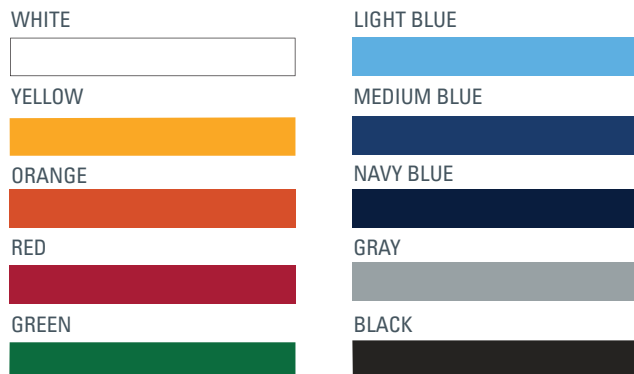
RECOMMENDED SYSTEMS

(Refer to *Finitec Expert sports floor finishing systems* table)

System 5 - New or restored floor: 1 coat of SURFACE SEALER + SURFACE COLOR + 3 coats of TOP SURFACE or SURFACE FINISH

System 6 - Recoating: 1 treatment of SURFACE TREATMENT + SURFACE COLOR + 3 coats of TOP SURFACE or SURFACE FINISH

BASE COLORS *



* NOTE: Color samples in this document are presented for illustrative purposes only and may vary slightly from the final result.



Sizes	940 mL	3,78 L
Coverage	up to 130 sq.ft.	up to 520 sq.ft.

TECHNICAL DATA

Sizes available:	946 mL and 3,78 L
Container:	Plastic container
Color:	10 base colors
Odor:	Low and non-offending
Coverage:	Up to 130 sq.ft. (14 m ²) / L
Drying time:	To touch: 1 hour Between coats: 3 to 4 hours To recoat: 24 hours Full cure: 7 days
Flash point:	N.A.
Solid content:	30 % (weight) - 27 % (volume)
pH:	8,0 ± 1,0
VOC:	116-183 g/L (depending on color)
Viscosity:	60 to 100 seconds (Zahn #2) (depending on color)
Density:	1,02 - 1,20 kg/L (depending on color)
Freeze / thaw stability:	Keep from freezing
Shelf life:	12 months (when kept in its original container)
Tools clean up:	Water
Storage:	Between 50 °F and 85 °F (10 °C and 30 °C)
Waste disposal:	Recycle if possible (Check with local authorities)

DETAILS

COLOR BASE	VOC (g/L)	Viscosity (seconds Zahn#2)	Density (kg/L)
White	173	60-70	1,15-1,20
Yellow	154	80-100	1,02-1,05
Orange	170	80-100	1,02-1,05
Red	159	80-100	1,02-1,05
Green	155	80-100	1,02-1,05
Light blue	183	80-100	1,02-1,05
Medium blue	116	80-100	1,02-1,05
Navy blue	164	80-100	1,02-1,05
Gray	172	60-70	1,15-1,20
Black	172	80-100	1,02-1,05



SURFACE COLOR INSTRUCTIONS

POLYURETHANE WATERBORNE PAINT

The information mentioned in this document is prepared to the best of our current knowledge and does not pretend to be complete. It is possible that an updated version of this document is available at www.finitecexpert.com. In case of discrepancy, the latter takes precedence over the printed document. User is responsible to evaluate the best choice of product according to wood type and present situation before use. For more information, please consult our web site www.finitecexpert.com or contact our Customer Service at 1.888.838.4449. PROFESSIONAL USE ONLY.

FLOOR PREPARATION

NEW OR RESTORED FLOOR

Sand (refer to *Sanding instructions*) and/or smooth the floor with a 100-120 grit screen disc (DO NOT use steel wool) and remove dust using a vacuum cleaner or dry towels.

RECOATING

Clean thoroughly the floor with SURFACE TREATMENT (refer to *Technical data sheet*) in order to eliminate accumulated dirt and to make the floor free of wax, oily and greasy residues.

NOTE: SURFACE COLOR is appropriate for the most of oil based or waterborne finishes (refer to *Recoating instructions for sports floor*). Otherwise, sand completely to bare wood (refer to *Sanding instructions*). Proceed to an adhesion, compatibility and color tests by reproducing jobsite application conditions and methods.

SANDING INSTRUCTIONS

Prepare and sand the floor according to MFMA's recommendations.

PRODUCT PREPARATION

Stir the paint with a clean stick to ensure homogeneity. Intermix containers of same colors together to ensure better control over color uniformity.

NOTE: DO NOT thin

NOTE: SURFACE COLOR paints can be mixed together to get custom colors.

APPLICATION GUIDELINES: NEW OR RESTORED FLOOR

NOTE: Turn off all ventilation in the gymnasium. If ventilation can not be turned off, block all ducts for a minimum of air circulation in the gymnasium.

- 1- Apply SURFACE SEALER (refer to *Technical data sheet*).
- 2- Let dry completely SURFACE SEALER for 24 hours before applying game lines.
- 3- Before applying finish, it is required to sand the sealer with a 150-180 grit screen disc.
- 4- Remove dust using a vacuum cleaner and slightly damp towels.
- 5- Install masking tape for game lines. Use only 1st quality masking tape like *3M Scotch Brand Masking Tape no.2090 or 233+*. It is important to apply good pressure on the masking tape to prevent paint from bleeding. That way, the lines will be cleaned and sharpened.

NOTE: The regular masking tape can peel the sealer even after complete curing or leave adhesive residue. In addition, colored masking tape is easier to see on the floor to remove.

6- Seal inside the masking tape by applying (non-catalyzed) SURFACE FINISH using a 3/8 inch (10 mm) roller or a brush, this will prevent bleeding under the masking tape. You are ready to paint once the tapes are sealed and the finish is touch dry.

7- Apply SURFACE COLOR paint uniformly using a 3/8 inch (10 mm) roller or a brush.

NOTE: When using a roller, it is recommended to work with a paint tray and use a lint free clean roller for each color.

8- Paint one color at a time. Usually 1 to 2 coats is enough, but it is possible that additional coats are needed to obtain greater opacity. In this case, allow a drying time of 3-4 hours between coats.

9- Remove immediately the masking tape after paint is completed for the following reasons:

- The masking tape will pull easier because the paint is not completely dry;
- This allows a nicer transition to get a smoother floor finish;
- This ensures a faster drying paint at the edges of the masking tape where drying is generally longer.

10- After the last coat of paint is applied, let dry for 24 hours. During this period, it is recommended to provide adequate ventilation with fans.

NOTE: SURFACE COLOR is resistant to wear, but it must be top coated with a finish.

11- To ensure good adhesion and a smooth finish, sand the paint to remove all traces of gloss by using a maroon pad. The paint is dry and ready to be coated only if a sanding dust is produced. Otherwise, allow the paint to dry completely.

12- Remove dust using a vacuum cleaner and slightly damp towels.

13- Apply 3 coats of TOP SURFACE (refer to *Application guidelines* of the Technical data sheet of the finish used).

14- Clean tools with water.

APPLICATION GUIDELINES: RECOATING

SURFACE COLOR can be used in recoating process for sports floor (refer to document *Recoating instructions for sports floor*).

DRYING AND CURING TIME

The curing process is about 7 days (100 % cured after 7 days, 90 % after 48-72 hours and 75 % after 24 hours). It is important to respect the drying time of the paint before recoating finish to ensure good adhesion.

NOTE: Drying and curing time mentioned in this document may vary depending on application conditions: lower temperature, higher humidity and greater thickness of product on the floor could slow down the drying and curing process.

FIRST AID

In case of eye or skin contact, rinse well with water for 15 minutes. In case of inhalation, allow the victim to rest in a well-ventilated area. If swallowed, seek medical attention. Do not induce vomiting. Have conscious person drink several glasses of water. Keep out of reach of children.

EMERGENCY phone: CANUTEC (613) 996-6666.