

# SURFACE SEALER TECHNICAL DATA SHEET

SURFACE SEALER

## WATERBORNE POLYURETHANE SEALER

### DESCRIPTION

SURFACE SEALER is specially designed to be used with the Finitec Expert finishing system for wooden sports floor. SURFACE SEALER creates an excellent build and offers good flexibility to meet the standards for sports floor. It enhances the natural color of wood. SURFACE SEALER 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

- Minimizes sidebonding
- Dries quickly
- Minimizes raising of the wood grain
- No clogging formula and easy to sand
- Non-yellowing
- Odor-low and non-offending

### LEED® CONTRIBUTION

Materials & Resources (MR) Credit MR 5 Regional Materials	Indoor Environmental Quality (IEQ) Credit IEQ 3.2 Management Plan: Before occupancy	Indoor Environmental Quality (IEQ) Credit IEQ 4.2 Low-Emitting Materials: Paints and Coatings	Regional Priority (RP) Credit RP 2 Regional Priority
•	<b>1 point</b>	<b>1 point</b>	<b>1 to 3 points</b>

### RECOMMENDED APPLICATORS

- Finitec applicator
- Finitec light weight "T-bar" applicator
- Brush

### APPLICATION CONDITIONS\*

- Temperature between 70 °F and 77 °F (21 °C and 25 °C)
  - Relative humidity between 35 % and 50 %
- \* Refer to *Drying 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 (if desired) + 3 coats of TOP SURFACE or SURFACE FINISH

**System 6** - Recoating: 1 treatment of SURFACE TREATMENT + SURFACE COLOR (if desired) + 1-2 coats of TOP SURFACE or SURFACE FINISH



<b>Size</b>	<b>18.9 L</b>
<b>Coverage</b>	up to 2000 sq.ft.
<b>Product number</b>	B-40213
<b>Quantity per skid</b>	24

### TECHNICAL DATA

Size available:	18.9 L
Container:	Plastic container with spout
Color:	White
Odor:	Low and non-offending
Coverage:	Up to 110 sq.ft. (10 m <sup>2</sup> ) / L
Drying time:	To touch: 1 hour To recoat: 12 hours
Flash point:	N.A.
Solid content:	30 % (weight) - 27 % (volume)
pH:	8,4 ± 0,4
VOC:	275 g/L
Viscosity:	23 to 25 seconds (Zahn #2)
Density:	1,04 - 1,05 kg/L
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)



# SURFACE SEALER INSTRUCTIONS

## WATERBORNE POLYURETHANE SEALER

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 on our web site [finitecexpert.com](http://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 [finitecexpert.com](http://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. DO NOT use a sealer on stain.

### SANDING INSTRUCTIONS

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

### MIXING INSTRUCTIONS

In order to provide a homogeneous finish, stir it with a clean stick then shake the finish vigorously for at least 45 seconds. Let stand at least 10 minutes to allow bubbles to break.

NOTE: DO NOT thin.

### APPLICATION GUIDELINES WITH A LIGHT WEIGHT "T-BAR"

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- Use a 6 inches (15 cm) Finitec applicator or a brush, soak it with sealer and apply carefully at the edges of the gymnasium.
- 2- Begin along the wall and pour a line of sealer of approximately 4 inches (10 cm) wide directly on the floor (following wood boards).
- 3- Soak the applicator with sealer and spread the line in a "snowplow" movement to bring the sealer towards you. The overlapping is about 6 inches (15 cm).
- 4- Near to the perpendicular wall, do not lift the applicator and continue the movement in the opposite direction (180°) for about 12 inches (30 cm).

NOTE: To prevent application marks, DO NOT apply pressure on applicator and smooth out marks and lines. Feather out all turns. DO NOT spread too thin (refer to *Coverage* of this document). Always keep a wet line by adding sealer into the edge.

- 5- Follow the same procedure for the remaining floor.
- 6- At about 30 inches (76 cm) from the wall, turn 90° and continue in the opposite direction of wood boards, bringing the sealer towards you heading the gymnasium entrance.
- 7- Collect the excess sealer with the applicator. Feather out all marks and lines.

- 8- Let dry completely for 12 hours (may vary according to conditions). During this period, it is recommended to provide adequate ventilation with fans.
- 9- Before applying finish, it is required to sand the sealer with a 150-180 grit screen disc.
- 10- Remove dust using a vacuum cleaner or slightly damp towels.
- 11- (If desired) Apply SURFACE COLOR for game lines (refer to *Technical data sheet*).  
NOTE: Finitec Canada recommends that all colors have to be individually tested before use to ensure compatibility and adhesion (refer to *Sports floor paint application instructions*).
- 12- Apply 3 coats of finish (refer to *Instructions* of the *Technical data sheet* of the product choose).
- 13- Clean tools with water.

### DRYING TIME

Drying times 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 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.