

# PROFLEX SURFACE

## TECHNICAL DATA SHEET

### WATERBORNE PROTECTIVE SEALER

#### DESCRIPTION

PROFLEX SURFACE is a protective sealer that restores and protects the synthetic sports floors (i.e., elastomeric material compounds) against dirt and abrasion by ensuring easy maintenance. PROFLEX SURFACE offers exceptional grip and durability while maintaining great flexibility. Specially formulated for synthetic sports floors, PROFLEX SURFACE is part of a complete restoration system ensuring compatibility and performance.

#### RECOMMENDED USES

**Sport floors:** Basketball, volleyball, raquetball, squash, badminton, training centres, dance floors or aerobic dance floors

#### FEATURES

- Efficient and eco-friendly solution
- Approved ASTM D2047 (Standard Test Method for Static Coefficient of Friction)
- Excellent resistance to chemicals, shoe marks and sweat
- Easy maintenance
- Odor-low and non-offending
- Low VOC
- Fully cured in 7 days
- Nonflammable

#### 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 and curing time* section of this document.

NOTE: It is recommended to apply PROFLEX SURFACE when the synthetic sport floor is no longer under manufacturer's warranty. Please check beforehand.



#### PART A

Size	18 L
Coverage	up to 2500 sq.ft.
Product number	B-40432
Quantity per skid	24

#### PART A

#### TECHNICAL DATA

Size available:	18 L
Container:	Plastic container with spout
Color:	Translucent white
Luster (60°):	Satin (25%)
Odor:	Low and non-offending
Coverage :	Up to 2500 sq.ft. (230 m²) / 18 L
Drying time:	To touch: 1 hour To recoat: 6 hours Light traffic: 4 hours Mats: 7 days Full cure: 7 days
Mix time (pot life):	12 hours
Resistance to chemicals:	Excellent
Flash point:	N.D.
Solid content:	30 % (weight) - 27 % (volume)
Slippery resistance:	> 0,5 (ASTM D2047)
pH:	8,0 ± 0,2
VOC content:	207 g/L
Viscosity:	22 to 24 seconds (Zahn #2)
Density:	1,03 - 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)



### WATERBORNE PROTECTIVE SEALER

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#### ■ FLOOR PREPARATION

##### RESTORED COATED FLOOR

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

NOTE: PROFLEX SURFACE can be applied on majority of synthetic sport floors.

#### ■ MIXING INSTRUCTIONS

In order to provide a homogeneous mix, stir the part A with a clean stick. Pour slowly the entire catalyst (part B) in the PROFLEX SURFACE container (part A) while giving a stir simultaneously. Shake the protective sealer vigorously for at least 45 seconds. Let stand at least 10 minutes to allow bubbles to break and catalyst to activate.

NOTE: DO NOT thin. DO NOT use another ratio than 360 mL of catalyst per 18 L PROFLEX SURFACE (ratio of 20 mL : 1 L). DO NOT catalyze more than once.

#### ■ 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- Apply SURFACE COLOR (if desired).
- 2- Use a 6 inches (15 cm) Finitex applicator or a brush, soak it with PROFLEX SURFACE and apply carefully at the edges of the gymnasium.
- 3- Pour a line of PROFLEX SURFACE of approximately 4 inches (10 cm) wide directly on the floor along the wall.
- 4- Soak the applicator with the protective sealer and spread the line in a "snowplow" movement to bring it towards you. The overlapping is about 6 inches (15 cm).
- 5- 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 protective sealer into the edge.
- 6- Follow the same procedure for the remaining floor.
- 7- At about 30 inches (76 cm) from the wall, turn 90° and continue in the opposite direction, bringing the protective sealer towards you heading the gymnasium entrance.

8- Collect the excess protective sealer with the applicator. Feather out all marks and lines.

9- Allow 6 hours of drying between coats (may vary according to conditions). Do not allow more than 24 hours of drying time between coats. If not, screen the surface with a maroon pad before applying the other coat.

10- Apply 2 coats of PROFLEX SURFACE.

NOTE: After the last coat is applied and dry, allow room ventilation to promote air circulation. Prevent light activities within the first 72 hours. Regular activities can be performed after 7 days.

11- Clean tools with water.

#### ■ 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). To optimize the performance of PROFLEX SURFACE, wait for complete curing before any activities and before the first wet cleaning. After 6 hours of drying time, light traffic is allowed. Wait 7 days before replacing mats. It is possible to have a light traffic after 24 hours, however the floor may be easily scratched. The curing time must be respected (refer to the *Technical data* section of this document).

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 the drying and curing process.

#### ■ MAINTENANCE AND CARE

Use protection felt pads under equipments to prevent scratches. Do not drag equipments across the floor. Vacuum or sweep regularly. Use SURFACE CARE specially designed for sports floor maintenance. For more informations, refer to document *Maintenance and care for synthetic sports floors*.

#### ■ 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.