

# IncStores Polypropylene Tile Flooring

## GAMELINE PRETREATMENT & PAINT APPLICATION PROCEDURES

### 1. GENERAL:

**Endura** EX-2C Topcoat Gameline coating is a flexible two-component type polyurethane paint. Its properties of high gloss, flexibility, color(s) and excellent gloss retention make this coating ideally suitable for **IncStores** sport floor surfaces.

Coverage on the **IncStores** sport floor surface is approximately 350 - 400 linear feet of 2" wide gamelines per unit of paint. (A unit consists of 1 quart of EX-2C Topcoat Component A mixed with 1/2 quart of Special Component B)

### 2. SURFACE PREPARATION:

a. Ensure that the floor is thoroughly scrubbed and free of any wax, oil, or lint. Mark off the gymnasium floor in accordance with game requirements as shown on architectural drawings. Game lines shall be accurate to layout and width of lines as indicated on plans. Apply solvent resistant masking tape (3M 233 + is recommended tape), and roll the tape very firmly to ensure the best adhesion.

**b. Endura P Link is a surface pre-treatment that acts as a primer to promote good adhesion for Endura Topcoats on the IncStores surfaces.**

c. Apply P Link WET to the area to be painted.

**DO NOT SPILL P Link ON AREAS THAT WILL NOT RECEIVE PAINT!**

**P Link needs to dry for 1 hour and the window to apply Topcoat paint is 12 hours.**

### **3. PAINT APPLICATION:**

#### **a. Application Temperatures**

Use the onsite HVAC unit to maintain ambient temperature and flooring surface temperature at normal application conditions of 18°C (65°F) to 24°C (75°F) at 50% Relative Humidity. For higher humidity above 85% use EX-2C Slow Thinner (5-15%) and/or Endura Retarder. It is important that the temperature of the mixed paint be between 20-24 °C (72° F - 75° F) as it greatly affects viscosity.

Temperatures above or below recommended conditions will decrease or increase the length of drying time.

Surface must be completely dry -Do not apply over moist or damp surfaces.

**Do not mix more than is required for a 3-6 hour period. We suggest that the two-part paint be mixed with a power drill. Let it stand for half an hour before application.**

#### **b. Application Equipment**

Pure bristle brush or foam brush is recommended. On large jobs a very short 1/8" nap roller may be used taking caution to ensure no air entrapment occurs between flooring and paint. If air bubbles occur they must be removed as they will not release on their own. Dragging a brush 3 – 4 feet behind roller on final coat will remove any air bubbles.

### c. Application Procedure

Check to see if color is correct before combining EX-2C Component A and Special Component B. Apply by brush if possible **rollers may cause air entrapment. A Unit represents 1 quart of EX-2C Component A combined with 1/2 quart of Special Component B.**

Apply two thin wet coats - depending on the color - with each coat at a wet film thickness of 50-60 microns (2- 2 1/2 mils). Keep flash-off time between coats to a minimum (15-30 minutes) on smooth surfaces.

**Masking tape should be removed as soon as the paint has dried sufficiently to be "tacky".** The tape will be difficult to remove if paint is allowed to cure and ragged line edges will occur.

If Endura EX-2C Topcoat is allowed to dry longer than 24 hours at normal temperatures, abrade with sandpaper or scotch bright scuff pad before additional applications of topcoat.

## 4. CURING RATE

At normal temperature 20 °C (70°F) to 50% relative humidity.

No traffic should be permitted on the newly applied coating for at least 72 hours. Only light traffic without footwear should be permitted for the first 7-10 days.

After 10-14 days and up to 30 days the floor may only be dust mopped or lightly damp mopped to remove dust, light debris, etc.

## **5. SCRUBBING**

Do not scrub the floor for at least 30 days after the application of the Endura EX-2C Topcoat Game lines

**Note: The cleaning solution should be a non-abrasive, phosphate free, biodegradable type and diluted to the manufacturers' recommended directions.**

**Note: Take time and be prepared before starting the job. A proper work schedule that meets all the job requirements is very important.**

**Correcting problems with gameline application after the installation can be very difficult, expensive and time consuming.**

**For technical assistance, please contact Tom @ CanAm Coatings at 619-937-0430**

## PHYSICAL PROPERTIES

### Resistance to:

- Solvents: Excellent - Organic chemicals: Very good - Acids and alkalis: Excellent - Temperature variations: Excellent

### Temperatures:

- 40°C to 200°C maximum - 40°F to 390°F maximum

### Flash point:

- 4°C (25°F)

Colors: - Available in 9 high gloss solid colors. Special matched colors also available in when requested.

### Viscosity of the mix:

- 20-30 sec. #4 Ford Cup.

### Pot life:

- 3 to 6 hours. Note: Once mixed, adding solvent cannot extend pot life.

### Clean Up:

- EX-2C Thinner.

### Shelf Life:

- Endura EX-2C FC Topcoat Component A will keep indefinitely. Special Component B will keep at least 12 months in original unopened containers depending on storage conditions. Store in cool dry place.

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