

GAMELINE PRETREATMENT & PAINT APPLICATION PROCEDURES

DURA WOOD

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 Summit International Flooring's **DURA WOOD**.

Coverage on Summit International Flooring's **DURA WOOD** is approximately 400 linear feet of 2" wide gamelines per unit of paint. (A unit consists of 1 quart of EX-2C Topcoat Gameline Component A mixed with 1 pint 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 and to minimize any paint bleeding under the tape.
- b. *Endura Prepare Thinner II* is an adhesion promoter designed to ensure adhesion on vinyl or linoleum surfaces.
- c. Apply *Endura Prepare Thinner II* to the sanded and cleaned gameline surface with a clean lint free rag or paint brush. The application must be THOROUGH and WET the entire gameline surface. Care should be taken to ensure the *Prepare Thinner II* not be applied to areas not to be painted. The *Prepare Thinner II* must be allowed to dry for at least one hour before the first coat of Endura gameline paint is applied. Paint should NOT be applied for at least 1 hour.

Note: If the prepared surface is allowed to dry longer than 24 Hours an additional application of the *Prepare Thinner II* must be re-applied as noted. Failure to do so will result in compromised adhesion and adhesion failure of the game lines.

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. For large jobs a short 1/8" nap roller may be used taking caution to prevent air entrapment between the paint and the floor. Having a brush following 3-4 feet behind the rolled paint will ensure no 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 with each coat at a wet film thickness of 50-60 microns (2- 2 ½ mils). Drying time in between coats should be a minimum of 30 minutes.

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 FC 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

(Normal temperature 20 °C (70°F) to 50% R.H.)

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 days.

After 7 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.

Visit <http://www.endurausa.com/> for more info

For technical assistance, please contact Can-Am Coatings at 619-876-3657

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.