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DUNKSTAR GAME LINE PRE-TREATMENT & PAINT APPLICATION PROCEDURES

General

Game line coating is a flexible two-component type polyurethane paint. Its properties of high gloss, flexibility, color and excellent gloss retention make this coating ideally suitable for DunkStar sport floor surfaces.

Surface Preparation

1. Ensure that the floor is thoroughly scrubbed and free of any wax, oil, or lint. Mark off the floor in accordance with game requirements. Game lines shall be accurate to layout and width of lines as indicated on plans. Apply solvent-resistant masking tape, provided in your kit, and roll the tape very firmly to ensure the best adhesion.
2. Clean (*wipe/scrub*) inside the masked lines with a white cotton rag wetted with acetone or a denatured alcohol, available at any hardware supply.
3. Roll on approved primer. Make sure there is 100% coverage. Nearly all paint-related issues are due to inadequate primer coverage; two coats of primer is a nice insurance step. Primer is a surface pre-treatment that acts to promote good adhesion for Paint on the DunkStar surfaces.

Important: Do not spill primer on areas that will not receive paint.

Paint Application

Application Temperatures

- Flooring surface temperature should be at normal application conditions of 18° C (65° F) to 24° C (75° F) at 50% Relative Humidity. 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.
- Mix the paint and hardener to a **4 parts Paint (2-A) to 1 part Hardener (2-B) ratio.**
- We suggest that the two-part paint be mixed with a power drill. Let it stand for half an hour before application.

Application Equipment

Foam roller is recommended. Must have very short 1/8" nap roller; use 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.

Application Procedure

1. Apply two thin wet coats of the mixed paint. Keep flash-off time between coats to a minimum (15 – 30 minutes) on smooth surfaces.
2. 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.

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 48 hours.

For Best Results

- 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 game line application after the installation can be very difficult, expensive and time consuming.
- This entire process must be completed in a 1-day period. Do proceed with masking the game lines if you do not intend to prime and paint and remove the tape in the same day.