

DURASPORT

Sports Court Coating

PRODUCT USE:

This is the finest, premium quality, acrylic latex sports court coating available from modern chemical technology. DURASPORT Sports Court Coating has been especially formulated to create a skid-resistant surface when applied on tennis courts, paddle courts, hand ball courts, basketball courts, volley ball courts, etc. It will help to seal, weatherproof, protect and preserve any firm surface, making it more attractive at the same time. It dries quickly, providing an exceptionally tough, durable finish.

RECOMMENDED FOR:

DURASPORT Sports Court Coating is recommended for use on all exterior or interior sports court surfaces that are fully cured, firm, and properly prepared, including concrete, macadam, all-weather, asphalt or bituminous-based composition surfaces, wood, etc. can also be used on other hard surfaces such as stone, bricks, unglazed tile, cement tile, concrete block, slate, wood, properly prepared and/or primed metal, etc.

DURASPORT Sports Court Coating is NOT recommended for use on a surface on which heavy motor vehicles with hot tires may be parked. The combination of heat and pressure from the weight of the heavy motor vehicle could result in loss of adhesion to the substrate and film pick-up by the hot tires. **DURASPORT** Sports Court Coating is NOT recommended for use over uncured wood, tar that is still soft, or any other infirm surface, or any surface that has not been properly prepared.

SURFACE PREPARATION:

The secret of a successful painting job is proper surface preparation. Surfaces **MUST** be free of anything which could adversely affect the adhesion of this coating to the surface, including loose, scaling, peeling, blistering, chipping, cracking, flaking, chalking or powdering paint; dust, dirt, sand, soot, grease, oil, tar, wax, soap film or petroleum-based residue; lye, lime, chlorine, salt, calcimine, efflorescence, or any other chemically reactive substance; and must be completely free of all mold, fungus, mildew or any other growing organism of any kind. Infirm surfaces **MUST** be made firm.

a) **CLEANING:**

The surface should be cleaned with water blast to remove all dirt and loose particles. If surface is dirty or soiled by any oily material that could prevent good adhesion of the coating, then it must be thoroughly cleaned

with a "Heavy-Duty Degreaser", repeating this step as many times as is necessary and until surface is completely clean. Flush thoroughly with clean water and squeegee dry.

b) **CAULK CRACKS AND JOINTS:**

Joints and cracks should be filled with suitable sealant, so that they are flush and smooth with the surrounding surface.

c) **UNCOATED SURFACES:**

New surfaces can be coated after the surface has thoroughly cured and has been properly prepared. Be sure all loose sand or powdering material is removed. If dirty, follow cleaning instructions above.

d) **SMOOTHLY FINISHED CONCRETE SURFACES:**

MUST be acid-etched before coating. Mix 4lit. 20% Hydrochloric Acid (Muriatic Acid) with 8lit. water in a plastic container. 4lit. of this mixture will etch approximately 100 sq. ft. (9.29 sq.m.) of surface area. Apply and spread the solution evenly over the floor surface. Let the solution stand for approx. 20 minutes, or until all bubbling or fizzing ceases. The etching is then finished and the concrete floor should have a roughened, sandpaper-like texture or profile. Never let acid dry on the surface. Flush thoroughly with clean water. Remove all water with a squeegee or wet/dry vacuum.

e) **PREVIOUSLY PAINTED SURFACES:**

Be sure to remove ALL loose, scaling, flaking, chipping, peeling or powdering paint. Sand all glossy surfaces until they are roughened and dull. If dirty, following cleaning instruction above.

APPLICATION:

Surface should be thoroughly dry. Exterior painting should be started only when there is NO possibility of inclement weather, such as rain or heavy dew, and the relative humidity does not exceed 90%.

Note: Do NOT allow prepared surface to become contaminated between the preparation and application steps... for example, be sure to wear only clean, dry shoes when walking on the clean surface area to be coated. Stir thoroughly before using and keep well agitated while applying.

Apply generously, working coating into all pores and cracks, then smooth out to create a uniform, smooth coating across the entire surface area. May be applied by roller, brush, squeegee or spray.

P.T.O.

PROCEDURE:

Suitable procedure depending on the type of surface, coverage, film thickness required etc should be adopted. The mixing ratio with water and silica sand also depends the skid resistance desired which will determine the size of silica sand.

GENERAL GUIDELINES:**i) PRIMER COAT:**

Mix Base and Curing Agent of FLORSEAL-WBP in the recommended proportion. Apply on clean and prepared surface by brush or roller application.

ii) ANTI-SLIP TREATMENT:

If the surface is required with antislip finishing sprinkle the supplied Silica Aggregates to saturation on the primer coat when it is still wet. Remove the excess aggregates after the primer coat has hard set.

iii) TOP COAT:-

- Apply two coats of DURASPORT by means of roller to get uniform finish.
- Allow to air cure for 72 hours before putting to use.

WEATHER CONSIDERATIONS:

Apply only when both the ambient (air) and surface temperature is above 50° F. and relative humidity is below 90%. Approximately one hour of good drying weather is necessary for a rain and dew resistant skin to form on the coating.

DRYING TIME:

Drying time is controlled by the thickness of the applied coating, relative humidity, surface and air temperature, exposure to direct sunlight and wind or air movement. A longer drying time will be required if too thick a coat is applied, or the relative humidity is higher than 90%, or the temperature is below 50° F. Under normal conditions, "sets-up", forming a rain and dew-resistant membrane in approximately 60 minutes after the application, and dries sufficiently in approximately 24 hours to permit the application of a second coat. DURASPORT Sports Court Coating continues curing, getting tougher and tougher over a period of several weeks.

Under normal drying conditions, light foot traffic is possible after 24 hours, but allow 3 days prior to rough usage.

CLEAN UP:

Clean hands, brushes, rollers, tools and other equipment immediately after use in warm, soapy water.

ANTI-SLIP FEATURES:

DURASPORT Sports Court Coating can be made Anti-slip by use of specially graded Silica Aggregates Fillers which should be ordered separately if such feature is required.

RECOMMENDED MAINTENANCE:

Under normal circumstances, the coating does not require any particular attention. If desired, the coating may be cleaned with low-pressure water from a household garden hose and/or with a mild detergent solution, followed by a clean water rinse. Should the coating become scarred, it is easily touched up by applying another coat or two to the damaged area, after proper cleaning and preparation. In the future, should a renewal coat be desired, simply clean the original coating thoroughly, and apply the new coating directly over the original.
