

1. PRODUCT NAME

**Dynaflex™
Cushion Base**

2. MANUFACTURER

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- **Premium Acrylic Cushion Coating System:** A flexible and resilient cushion base coating for tennis courts.
- **Specially Formulated:** 100% compatible with Dynaflex Acrylic Color Coating.
- **Fast Drying:** Acrylic formula allows for faster drying than asphalt-based coatings.
- **No Harmful Solvents:** Can be used indoors as well as outdoors.
- **Player Comfort:** Creates an energy absorbing court surface to increase comfort and reduce joint stress.

3. PRODUCT DESCRIPTION

Dynaflex Cushion Base is an acrylic polymer emulsion containing rubber particles, designed as a flexible and resilient recreational cushion coating.

Packaging:

Packaged in 5 gallon pails, 30 gallon kegs, and 55 gallon steel drums.

Color:

Dynaflex Cushion Base is neutral in color.

Basic Uses:

Dynaflex Cushion Base is designed as the base layer when installing the Dynaflex Cushion System for recreational surfaces. Dynaflex Cushion Base should be applied prior to Dynaflex Cushion Top (Product Data Sheet 211). Dynaflex Color Coating (Product Data Sheet 201) should be applied as the final layer.

Composition:

As shipped, Dynaflex Cushion Base is a rubber-filled polymer emulsion.

Limitations:

In the liquid state, Dynaflex Cushion Base must be protected from freezing and rain. Do not store in direct sunlight or where temperature exceeds 120°F.

4. INSTALLATION

Preparatory Work:

The surface must be structurally sound, surface cured and free from all

loose or foreign matter prior to the application of Dynaflex Cushion Base.

Note: In all cases, a vapor barrier beneath concrete surface is strongly recommended.

Methods:

Because Dynaflex Cushion Base is designed to increase cushion, and to build up and level the cushion surface, Dynaflex Cushion Base should be applied by squeegee. Mix thoroughly before use.

Mix Design:

As supplied, Dynaflex Cushion Base is a concentrate intended to be mixed with water to form a ready-to-use material. The mixture may consist of up to 20 gallons of water per 55 gallons of Dynaflex Cushion Base concentrate to achieve workability.

Per 55 gallons of Dynaflex Cushion Base

Water	Yield
20 gal.	75 gal.

Application:

For use over asphalt or concrete pavements, the following application procedures are recommended for best results.

Each application of the properly mixed, ready-to-use material will cover at a rate of 5 - 7 sq. yds. per gallon per coat. Coverage rates can vary with age, texture and porosity of the

pavement to be sealed and with the method of application. A minimum of 2 coats is recommended to the minimum total deposition of 0.375 gallon of concentrate/sq. yd.

Depending on the degree of cushioned effect desired, tennis courts require three or more coats of Dynaflex Cushion Base with one or two coats of Dynaflex Cushion Top.

Application must be made when ambient and pavement temperatures are above 50°F. It is recommended that the area over which the application is made be open to use only after trial shows it to be cured sufficiently.

Precautions:

Liquid Dynaflex Cushion Base must be protected at all times from freezing. Keep out of reach of children. Container should be closed when not in use.

Avoid breathing vapor or contact with skin or eyes. Consult specific Neyra material safety data sheet before use.

New asphalt should be allowed to cure for a minimum of 30 days prior to application and must not exhibit ribbing, crawling, nor show oil rings when 1 gallon of clean water is poured onto the surface.

5. MAINTENANCE

Proper care of the finished surface will maintain the attractive appearance and prolong service of the Dynaflex coating system. Keeping leaves and other foreign

matter off the surface and occasional flushing with clean cold water will achieve good results.

6. TECHNICAL DATA

Adhesion and Resistance to Water:

The cured coating exhibits no penetration, blistering, loss of adhesion, nor tendency to re-emulsify after immersion for 24 hours. Complete sampling and test procedures are available upon request.

Environmental Considerations:

Dynaflex Cushion Base is considered non-hazardous when tested according to the EPA's TCLP (Toxicity Characteristic Leaching Procedure). Dynaflex Cushion Base is a water-based material containing less than 57 g/L (0.47 lbs./gal.) VOC content.

7. TECHNICAL SERVICES

C.S.I. formatted application specifications, material safety data sheets, special project submittals, product and application recommendations as well as assistance with special situations and field service are available.

8. WARRANTY

The above specifications on product usage are believed to be true and accurate. Neyra Industries, Inc. guarantees that all materials manufactured comply with quality standards as described in the product data sheets. Because the application, handling, weather, workmanship and equipment are beyond the control of this manufacturer, only the quality of the products as shipped is guaranteed. In no case will the liability of Neyra Industries, Inc. exceed the purchase price of the shipped materials.

9. ADDITIONAL INFORMATION

Neyra Industries, Inc. manufactures a full line of recreational surface and asphalt pavement maintenance products as well as application equipment sold and distributed nationally at our plants and through distributors and contractors. To find the supplier most convenient to you, please contact us.

Chemical Characteristics	
ID:	Wt. % (Minimum)
Latex Polymer	10 - 12
Filler Rubber	24 - 26
Mineral Fillers	7 - 8
Miscellaneous Additives	4 - 5
Water	50 - 53

Type	Exterior Rated Latex Emulsion
Pounds per gallon at 77°F	8.7 +/- 1
% Non Volatile Material	47 +/- 5
Odor	Latex - Chemical - Rubber
Flammability	Non-Flammable
Flash Point	None
Storage Life	One Year

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