

## 1. PRODUCT NAME

**Dynaflex™  
Cushion Base**

## 2. MANUFACTURER

Neyra Industries, Inc.  
10700 Evendale Drive  
Cincinnati, Ohio 45241

Phone: 513-733-1000  
Toll Free: 800-543-7077  
Fax: 513-733-3989  
Email: info@neyra.com  
Website: www.neyra.com

- **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 30 gallon kegs, 55 gallon steel drums and 240 gallon disposable totes.

### Color:

Dynaflex Cushion Base dries black.

### 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.

### Methods:

Application of Dynaflex Cushion Base may be rubber-bladed squeegee.

### 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 gal. of water/55 gal. 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 pavement, the following application procedures are recommended for best service:

Each application of the properly mixed, ready-to-use material will cover at a rate of 0.16 - 0.18 gallons per sq. yd. 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 3 coats is recommended to the minimum total deposition of 0.375 gal. 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.

### 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 ribboning, crawling, nor show oil rings when 1 gal. 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.

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