

### 1. PRODUCT NAME

**Dynaflex™  
Cushion Top**

### 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 Top is an acrylic polymer emulsion containing fine 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 Top is neutral in color.

#### Basic Uses:

Dynaflex Cushion Top is designed as a leveling cushion inter-layer when installing the Dynaflex Cushion System for tennis courts and recreational surfaces. Dynaflex Cushion Base (Product Data Sheet 210) should be applied prior to Dynaflex Cushion Top. Dynaflex Cushion Top will level and fill textured surfaces resulting from the larger rubber granules in Dynaflex Cushion Base.

Dynaflex Color Coating (Product Data Sheet 201) should be applied as the final layer.

#### Composition:

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

#### Limitations:

In the liquid state, Dynaflex Cushion Top 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 Top.

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

#### Methods:

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

#### Mix Design:

As supplied, Dynaflex Cushion Top is a concentrate intended to be mixed with water to form a ready-to-use material. The mixture may consist of up to 20 gallon of water per 55 gallon of Dynaflex Cushion Top 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 7 - 9 sq. yds. per gallon per coat. Coverage rates can vary with the texture of the Dynaflex Cushion Base layer. A minimum of 2 coats is recommended

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:

Wet Dynaflex Cushion Top 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 gal. of clean water is poured onto the surface.

### 5. MAINTENANCE

Proper care of the finished surface will maintain the attractive appearance and prolong the 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 Top is considered non-hazardous when tested according to the EPA's TCLP (Toxicity Characteristic Leaching Procedure). Dynaflex Cushion Top is a water-based material containing less than 70 g/L (0.58 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	8.5 - 10
Rubber Filler	19 - 20
Mineral Filler	7.5 - 8.5
70-100 Silica Sand	6 - 7
Miscellaneous Additives	4 - 4.5
Water	51 - 54

Type	Exterior Rated Latex Emulsion
Pounds per gallon at 77°F	9.1 +/- 1
% Non Volatile Material	47 +/- 5
Odor	Latex - Chemical - Rubber
Flammability	Non-Flammable
Flash Point	None
Storage Life	One Year

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