

### 1. PRODUCT NAME

**Dynaflex®**  
**Acrylic Resurfacer**

### 2. MANUFACTURER

Neyra Industries, Inc.  
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Cincinnati, Ohio 45241

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- **Fast Drying:** Allows multiple coats in one working day.
- **Specially Formulated:** 100% compatible with Dynaflex Acrylic Color Coating.
- **Economical:** Highly concentrated formula with water and filler addition by user reduces applied cost.
- **Non-Scuffing:** 100% synthetic will not mark tennis balls or shoes.
- **Easy to Use:** Non-settling, easy to mix.
- **Versatile:** May be used as final coat if black non-fading surface is desired.

### 3. PRODUCT DESCRIPTION

Dynaflex Acrylic Resurfacer is a premium pigmented acrylic emulsion. The product is formulated with a surfactant package which promotes superior adhesion to concrete or asphalt surfaces.

#### Packaging:

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

#### Color:

Stock standard color is black. Dynaflex Resurfacer without pigment, neutral and gray, is also available by special order.

#### Basic Uses:

Dynaflex Acrylic Resurfacer is recommended for smoothing and filling texture on asphalt surfaces prior to application of Dynaflex color coating. In addition it can be used as a finish for any asphalt or concrete surface where a durable black surface is desired.

#### Composition:

Dynaflex Acrylic Resurfacer is a blend of binders, pigment, surfactants and rheology agents in a water-based emulsion. Premium quality 100% acrylic polymers give Dynaflex Acrylic Resurfacer its tough, long wearing character.

The surfactants blended into Dynaflex Acrylic Resurfacer create a superior bond between the product and the pavement surface.

The rheological agents allow the

emulsion to maintain long shelf life and an excellent non-settling character.

#### Limitations:

In the liquid state, Dynaflex Acrylic Resurfacer 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 Acrylic Resurfacer.

An asphalt recreational surface should be checked for irregularities or depressions deeper than 1/8" (birdbaths). Fill to level of surrounding surface with hot mix asphalt or Dynabinder Quick Patch Binder (Product Data Sheet 261) prior to the application of Dynaflex Acrylic Resurfacer.

On a concrete recreational surface, the finish should be wood float or light broom, not steel troweled. The surface should be checked for depressions deeper than 1/8". Fill to level of surrounding surface with Dynabinder Quick Patch Binder prior to the application of Dynaflex Acrylic Resurfacer.

In addition, new concrete surfaces should be lightly abraded or lightly acid-etched and then primed with DynaPrime Primer (Product Data

Sheet 159) prior to the application of Dynaflex Acrylic Resurfacer.

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

#### Methods:

Dynaflex Acrylic Resurfacer can be applied by squeegee, brush or spray. On new tennis or basketball courts, squeegee application is the recommended method.

#### Mix Design:

Dynaflex Acrylic Resurfacer is a highly concentrated material intended to be mixed with water and mineral aggregate to form a ready to use coating. If using as a resurfacer, add half as much water as concentrate and 8-10 lbs. of sand per gallon of Dynaflex Acrylic Resurfacer.

Per 55 gallons of Resurfacer

Water	Sand	Yield
27 gal.	450 - 550 lbs.	103-113 gal.

If using as a finish coat, reduce the dilution to 0.4 gallons of water and 5 lbs. of sand per gallon of Dynaflex Acrylic Resurfacer.

Per 55 gallons of Acrylic Resurfacer

Water	Sand	Yield
21 gal.	250 lbs.	90 gal.

All sand used should be clean, dry, pure silica sand, free of contaminants. Fine sand with an A.F.S. rating of 70 to

100 gives best results. There should be no more than 2% retained on 30 mesh or coarser, no more than 10% retained on 140 mesh and no more than 0.3% retained on 200 mesh.

### **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 6 to 9 sq. yds. per gallon. Coverage rates can vary with the age, texture and porosity of the pavement to be sealed and with the method of application.

Application must be made when ambient and pavement temperatures are above 50°F. Night time application is not recommended. 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.

Under good drying conditions, with the sun and breeze at 70°F or higher, Dynaflex Acrylic Resurfacer Sandmix will dry in 1 to 4 hours depending on the surface condition and the thickness of the applied coating.

As a finish coat, allow 2 to 4 hours of good drying before recoating and 48 hours before play.

### **Precautions:**

Liquid Dynaflex Acrylic Resurfacer 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.

New concrete pavement should be allowed to cure for a minimum of 30 days prior to application.

## **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 Acrylic Resurfacer is considered non-hazardous when tested according to the EPA's TCLP (Toxicity Characteristic Leaching Procedure). Dynaflex Acrylic Resurfacer is a water-based material containing less than 101 g/L (0.84 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.

## **NEYRA**

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Chemical Characteristics	
ID:	Wt. % (Minimum)
Acrylic Polymer	25 - 26.5
Premium Pigment/Mineral Fillers	15.5 - 17
Film Formers/Rheology Modifiers/Additives/Etc.	6.3 - 7.3
Water (Total)	51 - 54

Type	Exterior Rated Latex Emulsion
Pounds per gallon at 77°F	9.3 +/- 1
% Non Volatile Material	42 +/- 3
Odor	Latex - Chemical - Rubber
Flammability	Non-Flammable
Flash Point	None
Storage Life	One Year