

1. PRODUCT NAME

Dynaflex®
Acrylic Resurfacer

2. MANUFACTURER

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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, or as a minor bird bath filler without excessive shrinkage.

3. PRODUCT DESCRIPTION

Dynaflex Acrylic Resurfacer is a premium quality, pigmented, acrylic emulsion. Dynaflex contains high tensile strength geotextile fibers for greater toughness, flexibility and longer service life. The product is also formulated with a surfactant package which promotes superior adhesion to concrete or asphalt surfaces. Dynaflex contains no asbestos or mercury.

Packaging:

Packaged in 55 gallon steel drums. 260 gallon totes are available as a special order.

Color:

Stock standard color is black. Dynaflex without pigment 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, geotextile fibers, surfactants and rheological agents in a water-based emulsion. Premium quality 100% acrylic polymers give Dynaflex Acrylic Resurfacer its tough, long wearing character.

The geotextile fibers offer tensile strength and dimensional stability to the product. These non-toxic inert polyolefin fibers are non-wicking and impervious to bacterial attack.

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 Dynabond Primer (Product Data Sheet 251) 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 8-12 lbs. of sand per gallon of Dynaflex Acrylic Resurfacer.

Per 55 gallons of Resurfacer

Water	Sand	Yield
28 gal.	440-660 lbs.	103-113 gal.

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

Per 55 gallons of Acrylic Resurfacer

Water	Sand	Yield
22 gal.	275 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 50 to 80 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:

The following application procedures are recommended for best service:

Each application of the ready-to-use mixture shall be at a rate of 0.06 to 0.1 gal. of concentrate/sq. yd./coat. As a finish coat, the consumption would be 0.045 to 0.065 gal. of concentrate/sq. yd. 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 will dry in 1 to 4 hours depending on the surface condition and the thickness of the applied coating.

As a bird bath filler, 24 hours of good drying should be allowed between lifts 1/8" in thickness.

As a finish coat, allow 2 to 4 hours of good drying before recoating and 24 hours before play.

Precautions:

Wet 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 15 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.

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.

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