

NEYRA® Professional Grade

Neyra QSA

Quick Set Additive for Coal Tar Sealer

1. PRODUCT NAME

Neyra QSA®

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

- **Quick Set:** Accelerates the drying time of pavement sealers, even under cloudy or shady conditions, by 50% or more.
- **Requires No Additional Water:** Unlike most additives.
- **Improves Traction:** For safer driving conditions.
- **Hardens Coating:** Helps hold aggregate in mix and reduces aggregate roll out onto the pavement.
- **Beautifies:** Reduces power steering marks, scuffing and tearing and creates a uniform, darker black color of the finished coating.

3. PRODUCT DESCRIPTION

Neyra QSA is a water-based latex additive. When added to pavement sealers it significantly accelerates the drying time. Neyra QSA does not thicken the mixture. It can reduce labor costs as it may allow additional coats to be applied sooner. Sealers mixed with Neyra QSA perform well under cloudy or shady conditions and will exhibit greater resistance to power steering marks, scuffing and tearing.



Packaging:

Available in 5 gal. pails. Can be special ordered in 35 gal. fiber drums and 260 gal. bulk totes.

Color:

In the liquid state, Neyra QSA is mint green. Neyra QSA will enhance and darken the color of the dried pavement sealer.

Basic Uses:

Neyra QSA, when added to Tarconite (Product Data Sheet 102), will dry the coating up to 50% faster. Neyra QSA is especially recommended in applications where quick dry time is critical.

Composition:

As shipped, Neyra QSA is a water-based latex additive.

Limitations:

Neyra QSA must be protected from freezing. Do not store in direct sunlight or in temperature exceeding 120°F.

4. INSTALLATION

Preparatory Work:

The asphalt surface must be structurally sound, surface cured, and free from all loose or foreign matter prior to the application of pavement sealers mixed with Neyra QSA.

Methods:

The application of pavement sealers mixed with Neyra QSA may be by spraying, rubber-bladed squeegee, brush, or mechanical equipment specifically designed for this purpose. Due to the heavy bodied nature of pavement sealer fortified with Neyra QSA, application by means of specialized equipment is recommended. This equipment can be of two types, high volume positive displacement airless spray or mechanical squeegee. Both types must be capable of keeping ma-

terial thoroughly mixed and homogeneous throughout the application process. All equipment used must be capable of supplying a sufficient quantity of material for uniform application over the entire width of the application mechanism to provide a uniformly coated surface.

Mix Design:

A minimum of 2% Neyra QSA added per 100 gals. of concentrated pavement sealer will show significant improvement in the drying time of the applied coating. For heavier traffic conditions, up to 5% additive is recommended.

Per 100 gallons of Concentrated Sealer

Water	Neyra QSA	Sand	Yield
30 gal.	2 gal.	300-500 lbs.	145-155 gal.
35 gal.	5 gal.	300-500 lbs.	153-163 gal.

All sand used should be clean, dry, pure silica sand, free of contaminants. Medium fine sand with an A.F.S. rating of 50 to 70 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 sound asphalt pavement, the following application procedures are recommended for best results:

Application Rate per Coat

	Gal/SY	Gal/SF
Concentrate	.09	.01
Mix	.14 - .17	.015 - .019

One gallon of concentrate will cover 100 sq. ft. Multiply sq. yds. of surface x .09 to determine gallons of concentrate per coat.

Coverage rates can vary with the application method and the age, texture, and porosity of the pavement to be sealed.

For low to moderate traffic areas, we recommend applying two full sand slurry coats. For high traffic areas, a third coat is advised. For highly oxidized surfaces, a primer, Polyprime (Product Data Sheet 155) is available. Each coat must be dry before additional applications.

On a typical parking lot, a combination of application systems could be used. For example, two coats for the parking stalls and a third for the drive lanes where most of the wear occurs.

Application must be made when ambient temperatures and pavement temperatures are above 50°F. Good drying conditions above 50°F are required during the subsequent 8 hours and no temperatures below 50°F should be anticipated for 48 hours. Night time application is not recommended. It is recommended that the area over which the application is made be opened to use only after trial shows it to be dried and sufficiently cured to accept regular traffic. Under ideal drying conditions, this usually requires about 12 hours. Lower temperatures, high humidity, clouds or shade, and lack of air movement retard cure.

Precautions:

Keep out of reach of children. Container should be closed when not in use. Do not apply sealers mixed with Neyra QSA over chip seals, or sealers which contain gilsonite. Sealers mixed with Neyra QSA are not recommended for use on portland cement concrete or for indoor 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.

Protect wet sealers mixed with Neyra QSA at all times from freezing and rain.

Consult specific Neyra material safety data sheet before use.

5. MAINTENANCE

As a rule, a clean, well-marked parking lot is safer and will last longer. Occasional flushing with water or the use of a contract cleaning service will help to retain an attractive appearance.

6. TECHNICAL DATA

Applicable Standards:

Neyra QSA, when combined with the specified amount of Tarconite (Product Data Sheet 102), meets Pavement Coatings Technology Center (PCTC) specification PCTC02 for mix design, application rate and drying time.

Drying Time:

When tested according to ASTM D2939, "set to touch" in 1 hour, exhibit "final set" in less than 4 hours.

Non-Flammability:

The cured coating shows no tendency to flash or ignite.

Resistance to Kerosene:

The cured coating exhibits no penetration or loss of adhesion after 24 hour immersion.

Adhesion & Resistance to Water:

The cured coating exhibits no penetration, blistering, loss of adhesion, nor tendency to re-emulsify after immersion for 24 hours.

Environmental Considerations:

Tarconite modified with Neyra QSA is considered non-hazardous when tested according to the EPA's TCLP (Toxicity Characteristic Leaching Procedure).

7. TECHNICAL SERVICES

Material safety data sheets, product and application recommendations, as well as assistance with special situations and field service are available upon request. Special project submittals are available through Neyra Customer Service.

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 shipped materials.

9. ADDITIONAL INFORMATION

Neyra Industries, Inc. manufactures a full line of asphalt pavement maintenance and recreational surface 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 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