

### 1. PRODUCT NAME

**Neyra AE**  
**Cool Weather Formula**

### 2. MANUFACTURER

Neyra Industries, Inc.  
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Cincinnati, Ohio 45241

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- **Extend Your Sealcoating Season:** Neyra AE Cool Weather Formula can be applied at temperatures down to 40° F.
- **Start Your Season Earlier:** Lower application temperature requirements help you serve your customers' needs earlier in the Spring compared to other sealers.
- **Environmentally Friendly:** Contains less than 0.1% Polycyclic Aromatic Hydrocarbon (PAH) content. It is also a low VOC, non-flammable coating that contains no coal tar or emits obnoxious odors.
- **Fast Dry & Curing:** Higher solids, polymer modified asphalt emulsion allows for a faster cure, opening to traffic faster.
- **Protects & Beautifies:** Neyra AE CWF forms a tight seal that is impenetrable to the destructive effects of sun, water and chemicals giving your pavement a deep black long-lasting color.

### 3. PRODUCT DESCRIPTION

NeyraAE CWF (Asphalt Emulsion Cool Weather Formula) is an environmentally friendly asphalt emulsion containing high molecular weight polymers, mineral fillers and modified with specialized surfactants that is formulated as a weather protective, water resistant coating for asphalt surfaces.

#### Packaging:

Bulk shipments made in tank trucks. Also available in 55 gal. steel drums.

#### Color:

In the liquid state, Neyra Asphalt Emulsion is a dark brown / black emulsion. When dry, Neyra Asphalt Emulsion is a deep black color.

#### Basic Uses:

Neyra AE CWF extends the service life and reduces maintenance costs of asphalt pavements, protecting them from the destructive effects of water, sunlight and oxidation. When mixed and applied according to manufacturer's recommendations, Neyra AE CWF provides a new looking, long lasting surface that is easy to clean.

#### Composition:

Neyra Asphalt Emulsion is an environmentally friendly, concentrated, high solids, mineral reinforced asphalt emulsion fortified with a high molecular weight polymer. The binder base is emulsified in our high temperature, high shear, state of the art manufacturing

process. The hot blending process of the high molecular weight polymer and asphalt base resin along with other quality raw materials creates a homogeneous coating formulated to be job mixed with high sand loads, providing an exceptionally tough, long lasting, skid resistant surface.

### 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 Neyra AE CWF.

#### Methods:

Neyra AE CWF can be applied by spray, squeegee, brush or mechanical equipment designed for this purpose. Due to the heavy body of the Neyra AE CWF slurry mix, 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 material thoroughly mixed and homogenous 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:

NeyraAE CWF is a highly concentrated material intended to be mixed with water and mineral aggregate to form a ready to use pavement sealer.

#### Do not over dilute.

Use only Neyra additives specifically designed for Neyra AE CWF. **Do not use other additives.** They are not chemically compatible with Neyra AE CWF and will degrade the emulsion.

Per 100 gallons of Neyra AE CWF

Water	Sand	Yield
15 -20 gal.	300-500 lbs.	129-143 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	.10	.011
Mix	.13 - .15	.014 - .016



## Neyra AE Cool Weather Formula

One gallon of concentrate will cover 90 square feet per coat. Multiply square yards of surface x 0.1 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 recommended. 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 40°F. Good drying conditions above 40°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 dry to accept regular traffic. Lower temperatures, high humidity, clouds or shade, and lack of air movement slow drying time. Do not apply when rain is imminent. *Caution:* Application of this product in marginal weather conditions or over dilution will result in premature wear.

### **Precautions:**

Do not apply Neyra AE CWF over chip seals, or sealers which contain gilsonite. Neyra AE CWF is not recommended for use on portland cement concrete.

Keep out of reach of children. Container should be closed when not in use. Contains petroleum distillates. Avoid breathing vapor or prolonged contact with skin or eyes. Flush immediately with water.

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 Neyra AE CWF 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 AE CWF meets or exceeds the composition and performance standards listed in the chart on page 3.

### **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 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 the 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.

**Caution: Application of this product in marginal weather conditions or improper mix designs can result in premature wear or product failure.**



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