

1. PRODUCT NAME

Spec+Plus™

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

- **Pure Polymer Performance:** Longest lasting crack / joint sealant for parking lots and roads.
- **Resilient:** Formulated to perform under the extreme expansion and contraction conditions of colder climates.
- **Contains No Fillers:** Will not settle, jell or coke in kettle.
- **Energy Savings:** Low pour temperature of 325° means lower heating cost and less time on the job.
- **Sets Firm & Fast:** You can open pavement to traffic in 15 minutes.
- **Proven Performance:** Meets and exceeds the standards of ASTM, AASHTO and federal specs for crack sealants, including D1190, D3405 and D6690 Type II & III.

3. PRODUCT DESCRIPTION

Spec+Plus is a highly modified, single component, hot applied, rubber/asphalt joint and crack sealant. Furnished as a solid, it is an elastomeric sealant which is compatible with and bonds aggressively to clean and dry concrete or asphalt pavements.

Limitations:

Do not overheat material. Do not apply to wet or dirty cracks. Not recommended for cracks over 1" wide. Do not store in direct sunlight or where temperature exceeds 120°F.

4. INSTALLATION

Preparatory Work:

Crack or joint must be properly prepared prior to installation of Spec+Plus by means of routing and/or the use of a hot compressed air jet to remove all incompressibles and assure the sidewalls of crack are clean and dry.

Methods:

Spec+Plus should be heated in a vessel designed for heating hot pour crack sealants. Some means of agitation and monitoring of temperature are recommended. The range of safe heating temperature for the product is between 325-375°F. At no time should this product be heated to 425°F. This can degrade the polymers in Spec+Plus and create a fire hazard. A direct fire melter can be used if these precautions are met. It also is suitable for use in an oil-jacketed double boiler. Because Spec+Plus contains no fillers, it is an excellent product for use through pumping type kettles.

Mix Design:

Blocks of Spec+Plus are formulated as a single component system. Do not add to or mix with any other material.

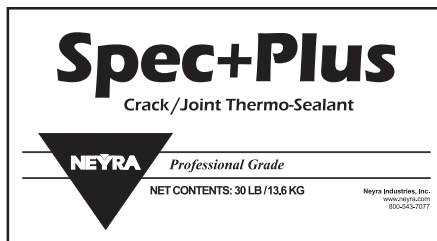
Application:

Install heated sealant directly into cracks/joints not to exceed a 4 inch wide band. Thickness should be controlled to not more than 1/8 inch above pavement surface. Finished sealed cracks and joints will be uniformly level. Refill to achieve a flush to 1/8 inch concave surface appearance. One lb. of Spec+Plus will fill the following lineal feet:

Width	Depth			
	1/4"	1/2"	3/4"	1"
1/4"	32	16	12	8
1/2"	16	8	5.5	4.5
3/4"	12	5.5	4.5	3
1"	8	4.5	3	2

Precautions:

Extreme care must be taken with hot applied sealants. A long sleeved shirt, long pants, gloves and face protection must be worn. **Severe burn hazard.** Keep out of reach of children. Consult specific Neyra material safety data sheet before use.



Packaging:

Available in 30 lb. cardboard boxes. One skid contains 70 boxes.

Color:

Spec+Plus is black.

Basic Uses:

Spec+Plus is specially formulated for sealing asphalt and concrete parking lot cracks.

Composition:

As shipped, Spec+Plus is composed of asphalt cement, plasticizers, polymers, resins, select oils and stabilizers and contains no fillers.

5. MAINTENANCE

Remove from equipment and tools with heat. Clean hands with waterless hand cleaner.

6. TECHNICAL DATA

Applicable Standards:

Spec+Plus meets the performance standards of AASHTO M301, FAA P605, the Army Corp. of Engineers CRD C530 and ASTM D6690 Type II and Type III when tested according to ASTM D5329, Standard Test Methods for Hot Applied Sealants. Spec+Plus is also available by special order in a formula that meets ASTM D6690 Type IV.

Environmental Considerations:

Spec+Plus is considered non-hazardous when tested according to the EPA's TCLP (Toxicity Characteristic Leaching Procedure).

Performance Requirements:

Refer to chart.

PERFORMANCE REQUIREMENTS

<i>Property</i>	<i>Results</i>
Penetration at 77° F	60 mm
Penetration at 0° F	30 mm
Flow at 140° F	< 0 mm
Resilience	60% min.
Elongation at 77° F	600%
Bond Test	Pass 50% extension at -20° F
Asphalt Concrete Compatibility	Compatible

7. TECHNICAL SERVICE

Material safety data sheets, product and application recommendations, as well as assistance with special situations and field service are available upon request.

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.

NEYRA

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