

### SONOLASTIC®

## NP 1™

### One-component elastomeric gun-grade polyurethane sealant

#### Benefits

- Excellent flexibility for keeping moving joints tight
- Matches common substrates
- Lowers installation costs
- Long-lasting weathertight seals
- Suitable for all climates
- Paintable

#### Features

- Joint movement capability ±25%
- Easy to gun and tool
- Bonds to most construction materials without a primer
- One component
- Weather resistant
- Wide temperature application range
- Compatible with non-rigid paints
- UL listed

#### Technical Data

##### Compliances

- Federal Specification TT-S-00230C, Type II, Class A
- ASTM C 920, Type S, Grade NS, Class 25, Use NT, M, A, G, and O
- Corps of Engineers CRD-C-541, Type II, Class A

#### HOW TO APPLY

##### Priming

- NP 1 is generally considered a non-priming sealant, but special circumstances or substrates may require a primer. It is the user's responsibility to check the adhesion of the cured sealant on typical test joints at the project site before and during application.

#### Where to Use NP1

- Concrete
- Masonry
- Aluminum
- Wood
- Expansion wall joints
- Curtain wall construction
- Panel walls
- Precast units
- Aluminum and wood window frames
- Fascia
- Parapets
- Structural components
- Vinyl siding
- Interior and exterior

#### Ordering Information

##### Packaging

- 300 ml cartridges, 30 cartridges per carton
- 20 U.S. fl. Oz. (590 ml) ProPak sausage cartridges, 20 ProPaks per carton

##### Colors

White, off-white, limestone, hunter green, stone, tan, aluminum gray, medium bronze, special bronze, redwood tan, and black

#### Application

- 1) NP 1 comes ready to use. Apply by professional caulking gun. Do not open cartridges, sausages, or pails until preparation work has been completed.
- 2) Dry tooling is recommended. DO NOT use soapy water when tooling. Tooling results in the correct bead shape, a neat joint, and maximum adhesion.

#### Curing Time

The cure of NP 1 varies with temperature and humidity. The following times assume 75°F (24°C), 50% relative humidity, and a joint 1/2" width by 1/4" depth (13mm x 6 mm).

- Skins overnight or within 24 hours
- Functional within 3 days
- Full cure in approximately one week

### SONOLASTIC®

## NP 2™

### Multiple-component high-performance polyurethane sealant

#### Features

- Elastomeric, movement capability of ±50%
- Superior adhesion
- Resistant to weather, airborne pollutants, and chemicals
- NP 2™ accelerator available
- Excellent gunability over a broad temperature range
- Nonstaining
- UL listed

#### Benefits

- Added protection against unanticipated movement
- No primer on many construction materials
- Long-lasting performance on all applications
- Use for cold climate applications, speeds initial cure
- Speeds application
- 463 custom colors possible
- Use where aesthetics are a primary concern

#### PACKAGING

• 1-1/2 gallon unit in 2 gallon pail (5.67 liters)  
Available in pretinted colors: Precast Gray, Limestone

#### COLORS

• 40 standard, stocked colors are available.  
Refer to the Rainbow of Colors popular palette.  
463 standard (nonstocked) colors are also available, and custom matching can be done upon request.

#### Where to Use

- Concrete
- Masonry
- Aluminum
- Marble
- Granite
- Brick
- Stucco
- Limestone
- Expansion wall joints
- Curtain walls
- Panel walls
- Precast units
- Perimeter window caulking
- Exterior insulation walls
- Tilt-up panel joints
- Vinyl siding
- Interior and exterior
- Parking decks

#### Technical Data

##### Compliances

- Fed. Spec. TT-5-00227E, Type II, Class A
- Corps of Eng. CRD-C-506
- ASTM C290, Type M, Grade NS, Class 25, use NT, T, G, A, M, and O

#### HOW TO APPLY

##### Priming

- NP 2 is generally considered a non-priming sealant, but special circumstances or substrates may require a primer. It is the user's responsibility to check the adhesion of the cured sealant on typical test joints at the project site before and during application

##### Mixing

- 1) NP 2 is a three component system and must be thoroughly mixed before use. The oversize Part A container **allows** for the addition and mixing of Part B and Sonolastic color pigment into Part A.
- 2) The pot life of mixed NP 2 is influenced by temperature. NP 2 accelerator or extender may be added to adjust the initial cure rate.

##### Application

- Except when unusual job conditions dictate the use of knife or spatula, NP 2 is applied by professional bulk gun loaded at the jobsite. Joints should be filled from the bottom up to the exterior face by holding a properly sized nozzle against the joint bottom.

##### Curing

- NP 2 cures by a chemically controlled reaction. Initial cure is within 24 hours, and complete cure takes approximately 7 days. Cure rates are dependent on temperature and humidity.