



Concrete Elite Series 9000 100% RTV Concrete Expansion Joint Sealant is a high quality, single-component, neutral cure, 100% silicone sealant designed to provide superior performance when used in concrete expansion joint applications. It provides adhesion, flexibility and weatherability that far exceeds conventional polyurethane products such as NP1 or outdated polysulfide products. It will withstand years of UV exposure and continue to perform years after other sealants have failed. It will not yellow or discolor even after years of outdoor exposure. This product is custom formulated for us by the nation's leader in silicone sealants so you can count on consistent quality. Our pricing is similar to inferior products on the market so the decision is easy to make the upgrade to this superior, long lasting sealant.

TYPICAL PROPERTIES

Typical Properties As Supplied:

Colors.....	Clear, White, Black, Aluminum Gray, Stone (Other colors may be supplied on request)
Specific Gravity.....	1.04
Extrusion Rate (1/8" orifice, 90 psi air pressure)grams / min.....	305
Flow, Sag, Slump.....	NIL
Application Temperature Range, °F (°C).....	-35 to 140(-37 to 60)
Skin-Over Time, Minutes.....	3-6
Tack Free Time, Minutes, at 77° F (25°C) and 50% Relative Humidity, Minutes....	14
Cure Time at 77° F (25°C) and 50% RH (.25 inch thickness) days.....	1-3

Physical Properties As Cured:

Durometer Hardness, Shore A, points (ASTM D 2240).....	33
Tensile Strength, psi...(ASTM D412).....	>175
Elongation, percent (ASTM D412).....	300
Peel Strength, ppi (ASTM C 794).....	20
Temperature Range:	
Continuous operating temperature, max.....	350°F
Intermittent operating temperature, max.....	

Features and Benefits:

- Superior adhesion to bare concrete.
- Easy to apply and tool.
- Perfect for concrete expansion joints in parking lots, driveways and highway construction.
- Superior UV resistance even after years of outdoor exposure.
- Will last for years past any contractor's warranty period.
- Superior adhesion to masonry, brick, concrete, limestone and unfinished fiberglass.
- Superior adhesion to bare metals.
- Primerless – Can be used without the use of a primer.
- Non-corrosive – will not react with or corrode common building materials.
- Low odor.
- Excellent weatherability in sunlight, rain, snow, ozone, or temperature extremes.
- Long-life reliability – the cured sealant stays rubbery from -62 to 177°C (-80 to 350°F).

Limitations- CONCRETE ELITE™ 9000 Sealant is not recommended for use in applications involving:

- On surfaces that will be painted
- On wet or frost-laden surfaces
- Oily or dirty surfaces.
- On substrates that bleed oil or plasticizers
- Paint will not adhere to Project 1 9000 Sealant. Paint first, then seal.

Packaging:

CONCRETE ELITE is supplied in 20oz sausages 10.1oz (300ml) caulking cartridges, 2 gallon pails, 5 gallon pails, and 55 gallon drums. 3oz squeeze tubes available by special order.

Cross Reference:

A great substitute for Dow Corning 795 and 790 which are much more expensive.
Better overall performance than NP1 sealants.

Warranty and Shelf Life:

Each application should be pre-tested for suitability of this product for the intended use. When stored in the original, unopened container at temperatures less than 90°F (32°C), Project 1™ 9000 Sealant is guaranteed for one v year from date of purchase.

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