

**Product Description:**

**CRACK-N-PATCH** is a concrete repair product designed to make fast and permanent repairs to cracks, spalls and damaged concrete surfaces. Each **CRACK-N-PATCH** kit contains Bag-Pak units of 100% solids epoxy and pre-weighed, trowel grade aggregates. Three versions and three colors of **CRACK-N-PATCH** are available to meet your project requirements:

- **CRACK-N-PATCH STANDARD** – standard cure formula for “normal” installation temperatures from 55<sup>0</sup> F to 90<sup>0</sup> F.
- **CRACK-N-PATCH COOLER** - can cure with substrates temperatures down to 40<sup>0</sup> F.
- **CRACK-N-PATCH FREEZER** – can cure with substrate temperatures down to 0<sup>0</sup> F

**CRACK ‘N-PATCH** is an excellent repair product for any non-moving interior or exterior concrete substrate such as loading docks, sidewalks, drive ways, etc.

**Physical Testing Information:**

Compressive Strength:	15,900 psi after 7 days (ASTM C-579)
Tensile Strength:	3,300 psi (ASTM C-307)
Percent Elongation:	2.0% (ASTM D-638)
Flexural Strength:	8,300 psi (ASTM-C-580)
Flexural Modulus of Elasticity:	4.0 x 10 <sup>6</sup> (ASTM D-790)
Bond Strength:	>400 psi (100% concrete failure) (ACI COMMITTEE #503/PP1139-1141)
Indentation:	No indentation (MIL-D-3134F)
Abrasion Resistance:	0.04 gm max. weight loss (ASTM D-4060, Taber Abrader) CS- 17 wheel, 1,000 gm load, 1,000 cycles
Coefficient of Friction:	0.6 (ASTM D-2047)
Flammability:	Self-extinguishing (ASTM D-635) Extent of burning 0.25 inches max.
Thermal Coefficient of Linear Expansion:	(ASTM E-831) 2.1 x 10 <sup>-5</sup> C <sup>o</sup>
Water Absorption:	0.2% (ASTM C-413)
Heat Resistance Limitation:	140 <sup>o</sup> F/60 <sup>o</sup> C (For continuous exposure) 200 <sup>o</sup> F/93 <sup>o</sup> C (For intermittent spills)
Viscosity [mixed liquids]	300-500 CPS Typical
Solids Content (%)	100% (ASTM D-2697)
VOC	0 g/l (EPA method 24)
Application Temps	20 <sup>o</sup> - 85 <sup>o</sup> F Depending on version used
Hardness	70-80 (Shore D)
Cure time [approximate]	
STANDARD	4-6 hours @ 75 <sup>o</sup> F
COOLER	8-10 hours @ 40 <sup>o</sup> F
FREEZER	12-18 hours @ 20 <sup>o</sup> F
Shelf Life	1 year in unopened units
Volume mix ratio:	Pre-Measured Kit (A+B+C)
Shelf Life:	1 year [w/o freezing]
Working time	
STANDARD	20 minutes @ 75 <sup>o</sup> F
COOLER	20 minutes @ 50 <sup>o</sup> F
FREEZER	20 minutes @ 20 <sup>o</sup> F

Please review ROCK-TRED's Product Data Sheet and SDS for further information on this product.