

# CONCRETE CRACK SEALANT

**SMT-253**

REVISED 09/03/08

## PRODUCT DESCRIPTION & BENEFITS

SealMaster Concrete Concrete Crack Sealant is a 100% acrylic elastomeric crack filler designed for filling cracks in concrete surfaces. Concrete Crack Sealant exhibits outstanding low temperature flexibility.

Features include:

- Environmentally friendly 100% acrylic water based formulation.
- Outstanding flexibility - remains flexible at temperatures below 0°F.
- High solids formula for less shrinkage.
- Packaged in one gallon jugs.

## USES

Concrete driveways, parking lots, patios, sidewalks, walls, and more.

## COMPOSITION

SealMaster Concrete Crack Sealant is comprised of 100% acrylic elastomeric emulsion resin, mineral fillers, geotextile fibers, surfactants, and water.

## SIZES

Available in 1-gallon jugs.

## COLOR

Off-White.

## LIMITATIONS

Concrete Crack Sealant shall not be applied when temperature is expected to drop below 50°F at any time within a 24 hour period after application.

## ENVIRONMENTAL CONSIDERATIONS

SealMaster Concrete Crack Sealant is an environmentally friendly water based crack sealant containing less than 100 g/l Volatile Organic Content (VOC).

## PHYSICAL/CHEMICAL PROPERTIES:

SealMaster Concrete Crack Sealant meets the following material requirements when tested in accordance with ASTM C661, ASTM C719, ASTM C793, ASTM C794, and ASTM D4758. (see chart below)

Chemical & Physical Analysis	
Classification	100% acrylic emulsion
Weight Per Gallon @ 77°F	Approximately 9.2 lbs.
Color	Off-White
Non Volatiles %	63.0%
Ash Non Volatiles %	7.50
Specific Gravity @ 77°F	1.10

Drying Time	Dependent upon filler depth
Adhesion & Resistance to Water	No Penetration or Loss of Adhesion
Resistance to Heat	No Blistering or Sagging
Flexibility	No Cracking or Flaking
Resistance to Impact	No Chipping, Flaking, or Cracking
Hardness of Cured Sealant	15-50 Durometer
Low Temperature Flexibility	<-10°F
Adhesion Loss	Less than 9cm <sup>2</sup>
Effects of Accelerated Weathering	PASSES

## INSTALLATION

Cracks must be cleaned of vegetation, dust, dirt, and debris.

## MIXING PROCEDURES

SealMaster Concrete Crack Sealant is a ready to use product. Use as is, do not dilute.

## APPLICATION

Gallon Jug: Cut tip of jug to match the width of crack. Fill crack with material and level smooth with a putty knife if needed. Foam backer rod may be used beneath crack sealant to control crack sealant material usage.

## ESTIMATING MATERIAL REQUIREMENTS

Coverage is dependent upon depth and width of cracks. Typically, one gallon of Concrete Crack Sealant will fill approximately 75-150 feet of cracks.

## PRECAUTIONS

Both surface and ambient temperature shall be a minimum of 50°F. Do not apply when temperature is expected to drop below 50°F within a 24 hour period following application. Keep Out Of Reach Of Children. Do not store unopened pails or tubes in freezing temperatures.

## PACKAGING AND AVAILABILITY

Concrete Crack Sealant is supported by a nationwide network of SealMaster manufacturing facilities along with a nationwide network of qualified applicators.

## WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product

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Phone: 1-800-395-7325

[www.sealmaster.net](http://www.sealmaster.net)