

# X-Tite ResiLoc EX (S)

High build epoxy general purpose adhesive and bug hole filler

## Product Description

X-Tite ResiLoc EX (S) is a high build thixotropic epoxy resin for filling bug holes (blow holes) in concrete, and surface imperfections in steel, prior to the application of epoxy. It is also used as a general purpose adhesive, liner and bedding compound

## Advantages

- Slow set
- Long working time
- High tensile strength
- Resistant to a wide range of chemicals
- Vibration resistant
- Non Sagging
- Dimensionally stable
- Easy to use

## Uses

- Bug (blow) hole fillin
- Bedding mortar
- Fixing PVC sheets in joints system
- Bolt Fixing

## Laboratory Test Data

Property	Results
<b>Compressive strength</b> (ASTM C 579)/(BS 6319-9)	>55 N/mm <sup>2</sup> at 14 days
<b>Tensile strength (BS 6319-7)/(ASTM C 307)</b>	>15 N/mm <sup>2</sup>
<b>Density</b>	>3 MPa at 14 days
<b>Flexural Strength</b> (BS 6319-3)/(ASTM C580)	>22 N/mm <sup>2</sup> at 14 days

## Specification Compliance

SCAQMD Rule 1113  
LEED NC2009 IEQ 4.2

## Packaging

1 & 5Kg pack.

## Shelf Life

18 months when stored at 5 to 30C or less in a frost-free, dry and shaded area.

## Application Properties

	25C	35C
<b>Pot life</b>	40 mins	25 mins

## Theoretical Coverage

1.8 kg/m<sup>2</sup> at 1mm thickness.

Actual coverage will depend on wastage and surface profile.

## Installation Guidelines

NCC X-Calibur provides detailed method statements for all its products for use in various applications. These must be referred to prior to starting work. The information below is a summary intended for guidance only.

## Surface Preparation Concrete

The substrate must be structurally sound. Loose or unsound concrete should be removed and made good. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits. The surface should be prepared by light grit blasting or high pressure water blasting to produce a lightly exposed aggregate surface and reveal all bug (blow) holes and imperfections.

## Mixing

Thoroughly mix the base prior to adding the hardener using a slow speed drill (500rpm) fitted with an approved NCC X-Calibur mixing paddle. After mixing the base, add all of the hardener to the base and mix for 1 minute until both components have fully dispersed and are uniform in color. Be sure to rotate the mixer throughout the drum. Mix only full packs.

## Application

Apply using trowel, scraper or filling knife, using a 'scrape on, scrape off' technique to completely fill bug (blow) holes and imperfections.

For Joints apply one layer of X-Tite ResiLoc EX (S) with thickness 1-2 mm, then apply X-Seal JointBand on it and fix it on the epoxy adhesive with another layer on the joint band and make sure that ends of X-Seal JointBand are covered with X-Tite ResiLoc EX (S) from top and bottom

### **Limitations**

Will change color when exposed to direct sunlight.  
Will not accommodate movement cracks.  
Do not apply below 4C  
Do not discard into the water system.  
Protect from chemical and water spillage until fully cured

### **Health and Safety**

**This product is for industrial use only by trained operatives. It is potentially hazardous if not used correctly. Please refer to the Material Safety Data Sheet (MSDS) prior to the purchase and use of this product. The MSDS can be obtained via our web-site [www.ncc.com.eg](http://www.ncc.com.eg).**

### **Authorized Technical Specialist**

Please note that only NCC X-Calibur Authorized Technical Specialists ('ATSS') are permitted to change any of the information in this data sheet or to provide written recommendations concerning the use of this product. Visit [www.ncc.com.eg](http://www.ncc.com.eg) for a full list of NCC X-Calibur ATSS.

### **Datasheet Validity**

NCC X-Calibur makes modifications to its product datasheets on a continuous basis. Please check the datasheet update section on [www.ncc.com.eg](http://www.ncc.com.eg) to ensure you have the latest version.

### **Warranties**

NCC X-Calibur supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price. NCC X-Calibur does not warrant or guarantee the installation of the products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to NCC X-Calibur in writing within five working days of being detected. NCC X-Calibur Construction Chemicals **makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied.** NCC X-Calibur Construction Chemicals shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.