

## NS430 | Epoxy Non Shrink Crack Filler



clear

*While care is taken with the colour samples shown, no guarantee can be given that they represent exactly the colours offered.*

### Description

Rizistal NS430 Epoxy Non Shrink Crack Filler is a pourable filler for narrow and fine cracks in concrete, ceramic floors, terrazzo, screed floors, bolt holes and other fixings.

### Benefits

Excellent adhesive bond between the sides of the cracked substrate.

No waste and virtually solvent free.

### Pack Contents

Available in 500ml two part pack. Supplied in standard clear or dark grey colour but bespoke colours are available upon request, at extra cost.

### Coverage

500ml will fill over 12 linear metres of a crack 3mm wide and 5mm deep. Note: Unseen voids below the surface may use more material than anticipated and multiple applications may be necessary.

### Surface Preparation

Vacuum and rake out cracks ensuring that they are dry and free from dust etc. It is not normally necessary to cut out cracks.

### Working Time

20 to 30 minute. If the material is used past these times it will become difficult to use and adhesion will be reduced.



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### **Curing Time**

After installation, this product must be kept clean and dry for 12 to 18 hours (depending on ambient temperatures), otherwise the product performance will be seriously affected, which may result in discolouration and lack of cure.

Curing Time is 2 to 4 hours at 20°C down to 8°C.

### **Mixing**

Each Epoxy Non Shrink Crack Filler pack contains a tin of curing agent and a separate tin of thixotropic resin. Add the contents of the curing agent to the tin of resin and stir thoroughly with a spatula.

Scrape down the sides and bottom of the tin during mixing to avoid unmixed resin / curing agent creating 'soft sections' in the cured product that will remain uncured.

### **Installation**

Can be directly applied to the substrate so no need to saw out crack first. The Filler gels quickly after application, which reduces shrinkage.

Pour carefully out of the tin into and along the line of the crack and work the crack filler into the crack with a metal blade scraper or similar.

Multiple applications may be necessary over the crack during the 20 to 30 minute working time, in order to force the crack filler further into the crack and create a greater depth of resin penetration.

Scrape off the surface by using a metal or rubber scraper. Wipe away any excess. Leave to harden for 4 hours at 0°C to 20°C.

### **Finish**

The repair may be coated with any type of floor paint or Rizistal Coating.

### **Limitations**

Epoxy Non Shrink Crack Filler will not cure structural settlement or bonding problems and is intended for filling the surface only. Cracks caused by structural movement may reappear if movement continues.

### **Cleaning Equipment**

Equipment used for mixing and applying The Filler should be wiped clean with Rizistal Safer Solvent or a similar solvent before the product cures.

### **Shelf Life**

An unopened pack will last 12 months.

### **Safety**

Avoid contact with the skin. Barrier creams or gloves should be used. Cleansing creams should also be used after accidental contact with the skin and / or washing with plenty of soap and hot water.

Accidental contact with the eyes should be treated by flushing with water and medical advice sought.

A detailed Material Safety Data Sheet is available which contains further advice.

### **General Maintenance**

When fully cured, acid and alkali detergents or degreasers may be used to clean the surface. Always follow manufacturer recommendations.

### **Ordering**

Available from Rizistal online at [www.rizistal.co.uk](http://www.rizistal.co.uk).

All Rizistal products are sold subject to Rizistal's terms and conditions of sale.

For help and expert technical advice, please contact the Rizistal Support Team, who are backed by many years of experience within the flooring industry; [enquiries@rizistal.co.uk](mailto:enquiries@rizistal.co.uk).

### **Contracting Service**

Rizistal offers a contracting service via their sister company, John Lord Specialist Flooring, who operate throughout the UK, using their own highly experienced teams.

Rizistal will be happy to provide quotations for any large project, involving their repair and protect products. Email us your project details so a member of the Contracting Team can contact you to discuss your requirements, and see if it fits within the John Lord Contracting minimum criteria.