

## Contar Crack Sealer



### Description

A two pack methacrylate reactive resin used to repair and seal cracks in concrete structures.

### Uses

Contar crack sealer is a very low viscous, low surface tension, rapid curing methacrylate reactive resin used to fill and seal cracks in concrete structures. It also protects sound concrete against water and chloride ion ingress. Cracks ranging from hairline to 3mm are easily penetrated by a flood application of Crack sealer over the properly prepared surfaces

### Benefits of Crack Sealer

- Good Installation temperature range
- Waterproof
- Fast curing time
- Good impact & chemical resistance
- Easily applied

### Substrate Requirement

Substrate must be free from laitance, dust and other contaminations. The substrate must be of a standard U4 finish. Concrete or screed should be a minimum of 25kN/mm<sup>2</sup>. Check the relative humidity at ground level. Please contact Contar Resins technical team for further advice.

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### Model Specification

Product: Contar Crack Sealer

Finish: Matt/Smooth

Application method: Good quality roller (med pile) or by brush/flood application

Colour: It will darken concrete substrate/matt finish

Preparatory work and application in accordance with the manufactures instructions.

Manufacturer: Contar Resins Ltd

### Products in the system\*

Contar Crack Sealer @ 0.2kg-0.4kg/M<sup>2</sup>\*\*

Contar BPO (catalyst) Hardener-See notes

\*Consult individual product data sheets for information on each component of the system

\*\*Broadcast scatter DK1 quartz 0.3-0.8mm @ 0.5kg/M<sup>2</sup> if required

### Installation Services

The installation should only be carried out by a Contar approved contractor with the documented quality assurance scheme. Obtain details of the Contar approved contractors by contacting Contar Resins Ltd or via our web site @ [www.contarresins.co.uk](http://www.contarresins.co.uk)

### Technical Information

Materials can be stored unopened for up to 6 months in dry, cool conditions.

## Mixing & Application

Thoroughly mix the resin to disperse the contents fully. Mix the resin and BPO hardener powder in a clean plastic bucket until the hardener powder is fully dispersed through the resin. Mix using a heavy duty drill and helical mixing paddle. This will normally take 2-4 minutes. Immediately pour batches of mixed Crack Sealer on to the substrate and distribute using good quality med pile rollers working the material into the cracks. Do not allow the material to pond. Application rate is 200-400g/m<sup>2</sup> (depending on porosity of substrate). Cracks up to 3mm should be treated individually. Slightly wider cracks should be filled with dry 0.3-0.8mm silica sand and then gently pour small amounts of Crack sealer into the cracks and distribute using a paintbrush. Clean all tools using Contar Monomer tool cleaner.

## Speed of cure\*

Pot Life 10-12 mins\*

Pedestrian traffic-1 hour

Finish curing to full specification-2 hour

Caution-Contar materials have a characteristic odour during application which is nontoxic and non-injurious to health. Ensure all open food is covered and adequate ventilation is available. See safety data sheet for full information or contact Contar technical dept.

\*Pot life & curing times will be dependant of substrate and air temperature. Different curing times can be achieved by altering the amount of BPO used within the temperatures of 0°C--30°C. For temperatures outside of this range then please contact Contar Resin Technical support.

## Aftercare and Maintenance

Clean as required using a single or double headed rotary scrubber/drier in conjunction with a mildly alkaline detergent

## Important Notes

BPO rates are per 1 kg of Contar Crack Sealer resin:

Temperature	+5C	+10°C	+15°C	+20°C	+25°C	+30°C
BPO Rate	50 grams	50 grams	30 grams	20 grams	20 grams	10 grams

Any suggested practices or installation specifications for the Contar systems included in this communication from Contar Resins Ltd constitute potential options only and do not constitute professional advice in such regard. Contar Resins Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise

The finished system is assessed as non-hazardous to health and the environment. The long service life of the product and the seamless finish reduce the need for repairs, maintenance and cleaning.

Environmental and health considerations are controlled during the manufacture and installation of the products by the Contar approved contractor and Contar trained employees. No MMA resin system is totally colour fast and may change colour over a period of time. Colour change depends on the UV light and heat levels present and therefore the rate of change cannot be predicted. This may be more noticeable in light colours but does not compromise the chemical or physical resistance properties. We have over time developed our standard colour range to limit these effects. Intensively coloured products (hair colorants, medical disinfectant, rubber from tyres etc) can lead to irreversible discolouration in the sealer. Please contact Contar technical team for more advice.

All products are sold subject to our standard terms and conditions which are obtainable from Contar Resins Ltd.

Shelf life of the products is up to 6 months in there unopened state and dependent on correct storage conditions