

### External Crackfiller

#### Product Description

A tough flexible crack filler for all external substrates

External Crackfiller is a cold, liquid applied, fast curing system based on advanced resin technology. External Crackfiller is fully waterproof and has been professionally developed to both fill and seal cracks and joints in virtually any substrate – particularly asphalt and concrete. With superb adhesion, External Crackfiller is highly flexible, will allow for expansion and contraction and is suitable for all cracks and joints from 3mm to 50mm wide. It is available in two grades – Standard and LT (for a faster curing time at Low Temperatures).

#### Typical Uses

External Crackfiller is designed for the filling of cracks and expansion joints in asphalt and concrete substrates.

#### Suitable Substrates

External Crackfiller is suitable for concrete, asphalt and tarmac surfaces.

#### Colour

External Crackfiller is dark grey in colour.

#### Packaging

External Crackfiller is supplied as a 12.5 or 25kg unit. It is a twin pack product supplied in pre-measured quantities of Part A and Part B plus aggregate overscatter of 1.5kg for the 12.5kg unit and 3kg for the 25kg unit.

#### Direction For Use

#### Surface Preparation

##### **THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.**

The surface to be treated must be clean and dry. Use a stiff brush or compressed air to clear the crack of all dirt, standing water and loose material.

#### Mixing

Ensure the area to be treated is fully prepared before starting the mixing operation. Stir the resin thoroughly immediately prior to use. Whilst continuing to stir add the powder catalyst and mix thoroughly for a further 30 seconds, scraping around the sides to ensure the catalyst is fully dispersed. This initiates the working life during which time the crackfiller must be used. The pot life is only 5 – 15 minutes so without stopping, move quickly on to applying the material.

#### Application

Pour the mixed material into the draw box and pull it over the surface to fill the crack or joint leaving an even band of material. Keep the draw box level and flat on the ground at all times. Towards the end of the working life polymerisation starts, the viscosity increases (i.e. it becomes stiffer, the temperature rises and the material will start to gel). Do not try to place or work the material further. Discard the remaining material and clean tools quickly.

#### Pot Life & Curing Time

| Temp                   | Pot Life | Cure Time |
|------------------------|----------|-----------|
| <b>Standard</b>        |          |           |
| 25°C                   | 5 mins   | 10 mins   |
| 20°C                   | 7 mins   | 20 mins   |
| 15°C                   | 10 mins  | 35 mins   |
| 10°C                   | 13 mins  | 50 mins   |
| <b>Low Temperature</b> |          |           |
| 15°C                   | 7 mins   | 23 mins   |
| 10°C                   | 10 mins  | 30 mins   |
| 5°C                    | 13 mins  | 35 mins   |
| 0°C                    | 15 mins  | 40 mins   |

Application  
Temperature

Normal application temperature range is between 0°C and +30°C. If in doubt, please contact Polycote Technical Helpline for further advice.

Coverage

External Crackfiller – 1.9kg/m<sup>2</sup>/mm. Coverage per pack will vary depending on the size of the crack and surface texture but based on using a 40mm draw box and a depth of 3mm it is typically 110 linear meters per 25kg kit.

Cleaning

Tools and equipment should be cleaned whilst still wet with Solvent Cleaner.

Shelf Life & Storage

All components should be stored in a cool dry area out of direct sunlight. Storage temperatures must not exceed 25°C. Do not store near naked flames or foodstuffs.  
Stored in unopened containers in the above conditions the components have a shelf life of 12 months.

Health & Safety

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

Any Questions

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application.  
Our aim is to provide all the technical help you need to make an informed choice and achieve total success.  
Polycote Technical Helpline: **01234 846400**

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer’s responsibility to ensure the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company’s policy of continual research and development, it is the customer’s responsibility to ensure that the information contained herein has not been superseded.