Technical Data Sheet

External Crackfiller

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A tough flexible crack filler for all external substrates

Product Description

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.

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 & Coverage

External Crackfiller is supplied in 2 unit sizes. Each unit is a two-part system containing pre-measured quantities of Part A and Part B, together with aggregate overscatter.

Unit Size	Overscatter Aggregate (Included)	Coverage (based on a 40mm draw box @ 3mm depth)
5.6kg	600g	21 linear metres
28kg	3kg	105 linear metres

External Crackfiller - 1.9kg/m²/mm.
Coverage per pack will vary depending on the size of the crack and surface texture.

Direction For Use

Surface Preparation

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.

Application Guidelines

Application Temperature

Normal application temperature range is between 10°C and +30°C. If in doubt, please contact Polycote Technical Helpline for further advice.

Pot Life & Curing Times

Temp	*Pot Life*	*Cure Time*
Standard		
25°C	5 mins	10 mins
20°C	7 mins	20 mins
15°C	10 mins	35 mins
10°C	13 mins	50 mins

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.
Contact Polycote for shelf life.

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**