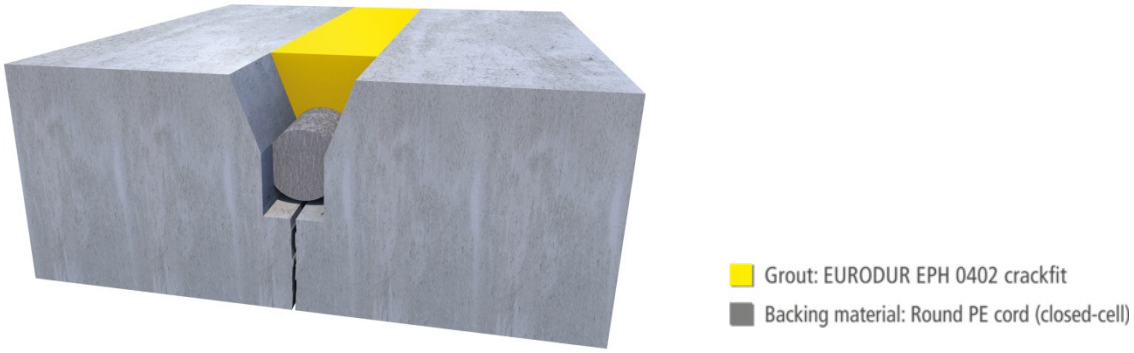
EURODUR EPH 0402 crackfit

Tough-resilient, 2-component epoxy resin hybrid-based casting compound, solvent-free, pourable



Product description		**EURODUR EPH 0402 crackfit** is a 2-component, tough-resilient, solvent-free, self-levelling, epoxy resin hybrid-based casting compound.
Area of application	-	for renovation and filling of slightly active cracks and joints pouring in sensor cables, etc. in concrete surfaces
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Product characteristics	-	very high impact resistance
	-	very high notching resistance
	-	defined resilient properties
	-	high mechanical strength
	-	solvent-free
	-	non-shrink
	-	self-levelling
	-	outstanding adhesion on concrete and problematic substrates locally repairable
	-	relatively low exothermic reaction during curing
	-	high flowability
	-	no primer required
	-	fast curing
	-	excellent chemical resistance (to oils, diluted acids and
	-	alkaline solutions, saline solutions, various solvents)

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Colours	Grey, additional colours upon request
Substrate preparation	Basically, **EURODUR EPH 0402 crackfit** exhibits excellent adhesion to concrete, cement-bound substrates, even without primer. The substrate temperature must be between +5°C and +35°C and the temperature of the bonding surfaces must be at least 3°C above the prevailing dew point temperature. The bonding surfaces must be clean, dry, free of dust, oil, grease, loose material or other contamination. Metal building components must also be free of rust, zinc or paint.
Backing	The joint space must be tightly and firmly backed with round, closed-cell polyethylene cord. The cord must not be damaged during sealant application.
Primer	Basically, **EURODUR EPH 0402 crackfit** does not require primed bonding surfaces for application. However, critical substrates can be pre-treated with EURODUR EP 0100.
Handling	The substrate must be prepared appropriately. The grout areas must be sealed at all points. Due to its high flowability, the material can drain uncontrollably. **EUROLASTIC EPH 0402 crackfit** is supplied with the correct ratio of components A and B. Both components must be completely combined and thoroughly mixed for at least 3 - 5 minutes using a suitable, slow-running stirrer at approx. 300 RPM. The mixing process must be carried out until a homogeneous, streak-free mixture forms. Then re-pot and briefly stir again. During this process, the temperature should be between +5°C and +25°C. The mixture can be poured directly from the container into the prepared areas or placed in a hand-held caulking gun. Apply or pour immediately, as the reaction begins immediately and proceeds exothermically. Re-workability: **EURODUR EPH 0402 crackfit** can be reworked/ground and re-grouted at any time without problems. Make sure that the material to be reworked is already cured, clean and free of substances that could interfere with adhesion (oil, grease, or similar).

Cleaning	Fresh material can be removed from the tools with EUROLASTIC Cleaner G. Fully cured material requires mechanical cleaning.
Consumption	Approx. 1.5 kg per 1.0 litre.
Packaging	**EURODUR EPH 0402 crackfit** is delivered in 1 kg, 6 kg and 10 kg containers. A and B components are packaged separately.
Storage and shelf life	Store in a cool, dry place (+10°C to +25°C). Under these conditions, the shelf life of unopened and undamaged original containers is 12 months.
Special instructions/protective measures	**EURODUR EPH 0402 crackfit** may only be processed in well-ventilated areas. Suitable protective clothing must be worn when working. Waste and containers must be disposed of in a safe manner. Avoid release into the environment. Completely empty containers can be returned to the KBS/Interseroh circulatory system. The instructions in the corresponding safety data sheet must be strictly adhered to.

Technical data*		
Technical properties	**Unit**	**Value**
Raw material base		Epoxy resin-hybrid
Mixture ratio A : B	Parts by	100 : 13
Number of components		2-component
Curing time at +23°C/50% relative humidity	g/cm^3	1.41
viscosity	Pa.s	10 - 15
Processing time/pot life	min	approx. 10-15
Curing time at +23°C/50% relative	hrs	approx. 2 - -3
Re-workability at +23°C/50% relative	hrs	after approx. 3
Temperature resistance	°C °C	at least 0 max. +100
Building component temperature	°C °C	at least +5 max. +35

Mechanical properties	**Unit**	**Value**
Shore-D hardness (14 days)		approx. 35

*These are approximate values. The values are not intended for the preparation of specifications.

The data was calculated at +23°C and 50% relative humidity. Higher temperatures and/or higher relative humidity may shorten or extend these times. All technical data, measurements and information in this data sheet are based on laboratory tests. Actual measured data may deviate in practice.