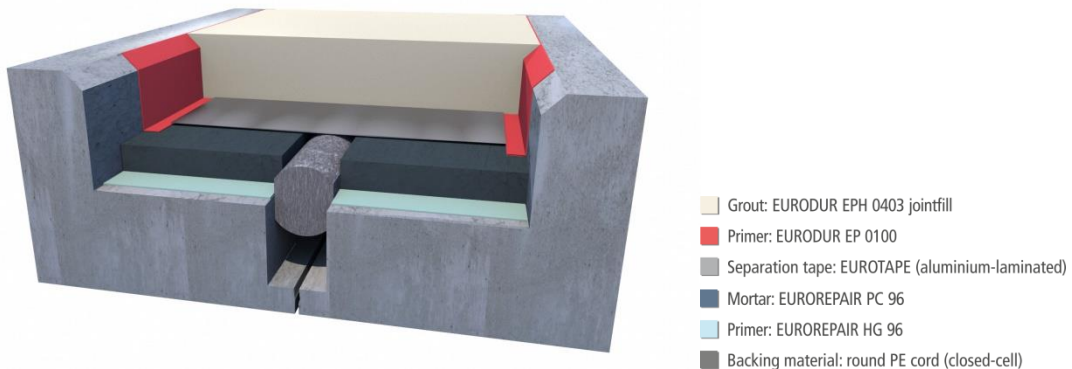


EURODUR EPH 0403 jointfill

Resilient, 2-component epoxy resin hybrid-based grout,
solvent-free, pourable



Product description

EURODUR EPH 0403 jointfill is a 2-component, resilient, solvent-free, self-levelling, epoxy resin hybrid-based grout.

Area of application

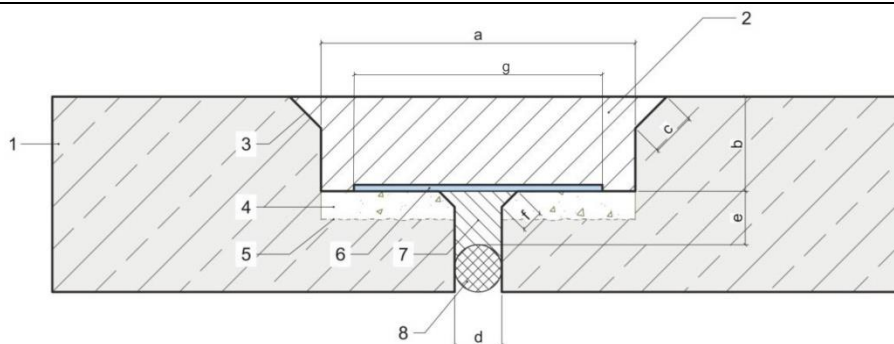
- for closure of highly mechanically and chemically stressed building component connection joints in pedestrian and vehicle traffic areas such as:
forklift routes, gate entrances, transitions between halls, loading ramps with critical joint-bridging structures, extra-wide joints in traffic routes

Product characteristics

- very high impact resistance
- high notching resistance
- flexible
- resistant to mechanical stress
- solvent-free
- non-shrink
- self-levelling
- very good adhesion on concrete and problematic substrates
- locally repairable
- relatively low exothermic reaction
- high flowability
- fast curing
- good chemical resistance
- (to oils, diluted acids, alkaline solutions, saline solutions and

diverse solvents)

Colours	Grey, additional colours upon request
Substrate preparation	The substrate must be prepared appropriately. The grout areas must be sealed at every point. Otherwise, the material can run off uncontrollably, due to its high flowability.
Primer	The bonding surfaces of absorbent substrates such as concrete must be pretreated with EURODUR EP 0100.
Handling	<p>EURODUR EPH 0403 jointfill is delivered 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 applied using a hand-held caulking gun. Apply/pour immediately, because the reaction begins instantly.</p> <p><u>Re-workability:</u> EURODUR EPH 0403 jointfill is locally repairable with EURODUR EPH 0403 jointfill. 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).</p>



Description:



- 1 Concrete
- 2 Grout: EURODUR EPH 0403 jointfill
- 3 Primer: EURODUR EPH 0100
- 4 Mortar: EUROREPAIR PC 96 (re-profiling if needed)
- 5 Primer: EUROREPAIR HG 96 (if needed)
- 6 Separation tape: EUROTAPE (aluminium-laminated)
- 7 Joint sealant: EUROLASTIC Pro M 40 (or equivalent sealant if needed and a defect in liquid tightness of the backing material is to be feared because of irregular joint flanks)
- 8 Backing material: round PE cord (closed-cell)

Dimensions		
Variable	Description	Dimensions
a	Grout width	100 mm
b	Grout depth	30 mm
c	Chamfer 45°	10 mm
d	Joint width	max. 30 mm
e	Joint depth	max. 30 mm
f	Chamfer 45°	5 mm
g	Width of separation tape	80% of grout width

Cleaning Fresh material can be removed from the tools with EUROLASTIC Cleaner G. Mechanical cleaning will be required if the material has fully cured.

Consumption Approx. 1.5 kg per 1.0 litre of volume.

Packaging **EURODUR EPH 0403 jointfill** 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 0403 jointfill** 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 recycling system. The instructions in the corresponding safety data sheet must be strictly observed.



Technical data*		
Technical properties	Unit	Value
Raw material base		hybrid epoxy resin
Mixture ratio A: B	Parts by	100: 13.7
Number of components		2-component
Curing time at +23°C/50% relative humidity	g/cm ³	1.47
viscosity	Pa s	5 – 10
Processing time at +23°C/50% relative humidity	min	approx. 20 to 40
Curing time at +23°C/50% relative humidity	h	approx. 24 (complete in 7 days)
Re-workability at +23°C/50% relative humidity	h	approx. 24
Temperature resistance	°C	min. 0
	°C	max. +100
Building component temperature	°C	min. +5
	°C	max. +35
Mechanical properties	Unit	Value
Shore A hardness		approx. 80 to 90
Shore D hardness		approx. 30 to 40

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

The data was determined at +23°C and 50% relative humidity. These times may be longer or shorter at higher temperatures and/or relative humidities. All technical data, measurements and information in this data sheet are based on laboratory tests. Actual measured data may deviate in practice.

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