



EURODUR PUV 0421 jointfill

2-component joint grout

Product description EURODUR PUV 0421 jointfill is a polyurethane resin-based joint grout

Area of application

- resilient grouting of traffic joints in streets, bridges and hall construction with concrete, metal and bitumen flanks
- can be used for renovation (subsequent filling of voids).

Product characteristics

- solvent-free
- resilient
- resistant to weathering, water, numerous alkaline solutions and acids
- good adhesion

Colour Grey

Substrate preparation At the time of jointing, the bonding surfaces must be clean, free of oil and grease, dry and free of substances that could prevent adhesion. Smooth, polished, cement-powdered, bituminous and tarry surfaces must be treated by sandblasting in order to produce a clean surface with maximum grip. The joint backfill profile must then be installed.

Backing The joint space must be lined with a sliding film or tightly and firmly backed with a round, closed-cell polyethylene cord. The cord must not be damaged during sealant application.

Primer EURODUR PUV 0421 jointfill may only be applied to primed bonding surfaces as a basic principle.

Absorbent substrates:

EUROLASTIC Primer U12G

Non-absorbent substrates:

EUROLASTIC Primer S2

Bare steel and galvanised surfaces:

EUROLASTIC Primer ZM



Handling	<p>EURODUR PUV 0421 jointfill is supplied with the correct ratio of components A and B. Add all of component B to component A and mix thoroughly with a slow-running stirrer at approx. 300 rpm. The mixing process must be carried out until a homogeneous, streak-free mixture forms. Do not mix for less than 3-5 minutes. After mixing, pour into an empty container and mix again for 1 minute. The existing joint space is filled with grout. The joint filling depth should be approx. 0.8 – 1 times the joint width. Depending upon the application, other joint geometries are also possible.</p> <p>Avoid three-flank adhesion!</p>
Cleaning	<p>Fresh material can be removed from the tools with EUROLASTIC Cleaner G. Mechanical cleaning will be required if the material has fully cured.</p>
Consumption	<p>Approx. 1.3 kg per dm³ of joint space Approx. 0.39 kg/m with 20 mm x 15 mm joint dimensions</p>
Packaging	<p>EURODUR PUV 0421 jointfill is delivered in 6 kg and 10 kg containers.</p>
Storage and shelf life	<p>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.</p>
Special instructions/protective measures	<p>EURODUR PUV 0421 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.</p> <p>The instructions in the corresponding safety data sheet must be strictly observed.</p>



Technical data*		
Technical properties	Unit	Value
Material basis		Polyurethane resin-based
Mixture ratio A: B	Parts by	100: 20
Number of components		2-component
Density at +23°C	g/cm ³	approx. 1.3
Viscosity of component A at +23°C	Pa s	3 - 5
Consistency		pourable
Processing time at +23°C/50% relative humidity	min	25 - 40
Curing time at +23°C/50% relative	h	at least 24, complete after 7 days
Object and processing temperature	°C	from + 10 to + 30
Mechanical properties	Unit	Value
Shore A hardness		approx. 70
Shore D		approx. 20

*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.

November 2015/We reserve the right to make technical changes and refinements. No liability assumed for advertising documents. Advice of any kind, also regarding the industrial property rights of third parties, should be considered as non-binding. The customer is solely responsible for the suitability of the goods for the intended application. All orders are subject to the seller's/manufacturer's terms and conditions for the sale and/or manufacture of the goods.
Reproduction not permitted.