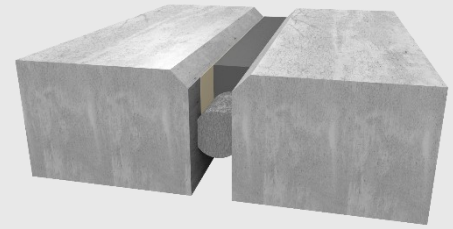




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EURODUR PUV 0421 jointfill

2-component joint sealant



PRODUCT DESCRIPTION	EURODUR PUV 0421 jointfill is a polyurethane resin-based joint sealant
SCOPE	Elastic sealing of drivable horizontal joints in road, bridge and hall construction with flanks in concrete, steel and bitumen. Suitable for renovations (subsequent cavity filling)
PRODUCT FEATURES	<ul style="list-style-type: none">- solvent-free- elastic- Resistant to weathering, water, numerous alkalis and acids- good adhesion
COLORS	<ul style="list-style-type: none">- Grey
SUBSTRATE PREPARATION	<p>The substrate temperature must be in the range of +5°C to +40 °C and the temperature of the bonding surfaces at least 3 °C above the prevailing dew point temperature.</p> <p>No residual adhesion of bituminous sealants, silicones or other sealants may remain on the joint edges.</p> <p>Furthermore, as part of the substrate preparation, surfaces with adhering cement/sinter skin, formwork surfaces, precast concrete elements, etc., must be pretreated by grinding or cutting with a diamond tool. The bonding surfaces must be clean, free of oil and grease, dry, and free of any substances that could impair adhesion at the time of grouting.</p> <p>Optimal cleaning of the joint edges before grouting is achieved using a joint brush machine with a rotating round braided brush.</p>
BACKFILL	To prevent three-sided adhesion and to ensure the correct dimensioning of the grouting chamber, the joint chamber must be tightly and firmly backfilled with a closed-cell polyethylene cord. This cord must not be damaged during the application of the sealant.



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PRIMER	<p>EURODUR PUV 0421 jointfill should only be applied to primed bonding surfaces.</p> <p>Absorbent surfaces: EUROLASTIC Primer U12G</p> <p>Non-absorbent surfaces: EUROLASTIC Primer S2</p> <p>Bare steel and galvanized surfaces: EUROLASTIC Primer ZM</p>
PROCESSING	<p>EURODUR PUV 0421 jointfill is supplied in the correct ratio of components A and B. Add the B component completely to the A component and mix thoroughly with a slow-running mixer at approximately 300 rpm. The mixing process must continue for at least 3–5 minutes until a homogeneous, streak-free mixture is achieved. After mixing, transfer the mixture to an empty container and mix again for 1 minute. Apply the joint filler to the existing joint space. The joint filling depth should be approximately 0.8–1 times the joint width. Depending on the application, other joint geometries are also possible. Avoid three-sided adhesion!</p>
CLEANING	<p>The tools can be cleaned with EUROLASTIC Cleaner G from fresh. The material must be cleaned. Once it has reacted, it can only be cleaned mechanically.</p>
CONSUMPTION	<p>Per dm³ joint space: approx. 1.4 kg With a joint dimension of 20mm x 15 mm: approx. 0.39 kg/m</p>
PACKAGING	<p>EURODUR PUV 0421 jointfill It is supplied in 6 kg and 10 kg containers.</p>
STORAGE AND SHELF LIFE	<p>Store in cool and dry conditions (+10°C to +25°C). Under these conditions, the shelf life in the unopened and undamaged original container is 12 months.</p>
SPECIAL INSTRUCTIONS/PROTECTIVE MEASURES	<p>EURODUR PUV 0421 jointfill This product should only be processed in well-ventilated areas. Wear appropriate protective clothing while working. Dispose of waste and containers safely. Avoid release to 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>



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TECHNICAL DATA *

TECHNICAL SPECIFICATIONS	UNIT	VALUE
Material basis		Polyurethane resin base
Mixing ratio A : B	Weight.-T.	100 : 20
Number of components		2-component
Density at +23°C	g/cm ³	approximately 1.4
Viscosity of component A at +23°C	Pass	3 to 5
consistency		pourable
Processing time at +23°C/50% RH.	min	25 to 40
time at +23°C/50% r.l.h.	h	at least 24, fully completed after 7 days
Object and processing temperature	°C	from +10 to +30
MECHANICAL PROPERTIES	UNIT	VALUE
Shore A hardness		approximately 70
Shore D		approximately 20
Building material class DIN 4102 Part 1 + Part 4		B2

*These figures are guidelines only. They are not intended for creating specifications.

The data were obtained at +23°C and 50% relative humidity. Higher temperatures and/or higher relative humidity may shorten or lengthen these times. All technical data, dimensions, and information in this datasheet are based on laboratory tests. Actual measured data may differ in practice.

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