



## EURODUR EPV 0411 groundfix

Epoxy resin-based grout

<b>Product description</b>	<b>EURODUR EPV 0411 groundfix</b> is a mineral-filled, highly pourable, 2-component, epoxy resin-based reaction resin.
<b>Area of application</b>	<b>EURODUR EPV 0411 groundfix</b> was developed for construction projects in airports, such as for fixing underfloor lamps in concrete slabs. Structural grouting of metal anchors, such as embedding anchors, threaded bolts and dowels in crash barriers and bridge construction is also possible.
<b>Product characteristics</b>	<ul style="list-style-type: none"><li>- high chemical resistance, e.g. to fuels, oils, aircraft fuels, de-icing agents and numerous other media in accordance with the chemical resistance list</li><li>- very high UV, weathering and ageing resistance</li><li>- excellent resistance to notching and wear</li></ul>
<b>Colour</b>	Grey
<b>Substrate preparation</b>	Drilled holes or recesses must be free of dust, loose rock, drilling mud and other dirt. Standing water must be removed. A <b>slightly</b> damp substrate is acceptable.
<b>Handling</b>	The base (A) and hardener component (B) are packaged in a precisely proportioned mixture ratio. If component A has become highly compacted at the base due to prolonged storage, this must be broken up with a trowel before stirring. Component A must be stirred until smooth. Stirring duration 3 - 5 minutes (check against clock!). An electric hand-held mixing device is recommended for stirring and mixing, e.g. a slow-running drill (300-400 rpm) with a mounted mixing blade. The container sides and bottom must be firmly scraped several times during mixing. Mixing duration 1 - 2 minutes. Then pour into a clean container and thoroughly mix again. The material will have a uniform appearance when



completely mixed. Then pour the mixed material immediately. If re-potting and remixing was not carried out after mixing component A with the hardener, the material may only be applied by pouring. To prevent use of unmixed or incompletely mixed parts of the material on the sides of the container, the container must not be scraped out.

<b>Cleaning</b>	Fresh material can be removed from the tools with EUROLASTIC Cleaner G. Mechanical cleaning will be required if the material has fully cured.
<b>Consumption</b>	Specific weight (mixture): 1.86 g/cm <sup>3</sup>
<b>Packaging</b>	8 kg, 40 kg containers incl. hardener
<b>Storage and shelf life</b>	Store in a cool, dry place (+10°C to +25°C). Under these conditions, the shelf life of unopened and undamaged original containers is 6 months.
<b>Tests/ Approvals/Standards</b>	Works testing, self-monitoring
<b>Special instructions/protective measures</b>	<b>EURODUR EPV 0411 groundfix</b> 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. The instructions in the corresponding safety data sheet must be strictly observed.



Technical properties	Unit	Value
Material basis		Epoxy resin
Mixture ratio A: B	Parts by	91.5: 8.5
Number of components		2-component
Density at +23 °C	g/cm <sup>3</sup>	1.86
Density at +23 °C	%	99 ± 1 weight %
Compressive strength	N/mm <sup>2</sup>	over 70 N/mm <sup>2</sup>
Adhesive strength on concrete	N/mm <sup>2</sup>	over 2.5 N/mm <sup>2</sup> (cracks in concrete)
Flexural strength	N/mm <sup>2</sup>	over 30 N/mm <sup>2</sup>
Temperature resistance	°C	up to approx. +80 (continuous load)
Temperature resistance	°C	up to approx. +120 (short-term)
Min. curing or object temperature:	°C	+15 (hardener S)
Min. curing or object temperature:	°C	+10 (hardener FH)
Max. processing/object temperature:	°C	+35 (hardener S)
Max. processing/object temperature:	°C	+25 (hardener FH)
Thermal conductivity	W/mK	0.5

	Processing time (minutes)			walk-on-able after (hours)			cured after (days)		
	+ 10°C	+ 20°C	+ 30°C	+ 10°C	+ 20°C	+ 30°C	+ 10°C	+ 20°C	+30°C
Normal hardener	-	30	15	-	12	6	-	6	2
Fast hardener	20	15	-	8	5	-	4	3	-

\* 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.