

Product 01091010 2-C-EP mortar for fillets, high viscosity, fast curing, solvent-free, beige

1 General Data

Fields of application

VIASOL EP-X910 S is used as fast curing joint-free mortar for fillets especially in VIASOL**DECK** systems. It can also be used as scratch coat on primed substrates for filling of pores.

Product description

VIASOL EP-X910 S is a fast curing, pigmented, ready-to-use, solvent-free 2-component mortar compound of high-grade epoxy resin.

VIASOL systems

VIASOL EP-X910 S is used as fast- and low temperature curing fillet mortar for all VIASOL**DECK** systems.

Technical support

For system build up possibilities and detailed information relating to the laying of VIASOL products, please refer to the VIASOL System Planner or contact VIACOR Polymer GmbH directly.

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(A) Technical Data	
Liquid mixture (A+B)	
1. Solids content	99 %
2. Density (20°C)	1.50 g/cm ³
3. Viscosity (20°C)	thixotropic
4. Packaging size (2-component container)	18.3 kg (13.3 kg A + 5.0kg B) 5.5 kg (4.0 kg A + 1.5 kg B)
5. Colour	beige
6. Shelf life	24 months in closed original container
7. storage	dry at 10–25°C, avoid direct sunlight

(B) Technical Data	
Cured material	
1. Adhesive strength (DIN EN ISO 4624)	> 1.5 N/mm ²

Manufacturer:

VIACOR Polymer GmbH, Graf-Bentzel-Str.78, D-72108 Rottenburg, Tel: +49/7472-94999-0, info@viacor.de, www.viacor.de

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2 Application method

Substrate preparation

The substrate must be clean and free of dust and loose particles. All traces of contaminants such as oils, fats, greases, paint residues, chemicals, algae and laitance should be removed.

VIASOL EP-X910 S is applied directly onto the primed substrate. The top coat VIASOL EP-X910 S must be applied no later than 24 hours after the previous layer has been laid.

Application

The product is delivered in ready-to-use 2-component containers in the exact mixing ratio. The A-component must be stirred for at least 2–3 minutes. Then the entire content of the B-component is emptied into the A-component container and the two components are mixed until homogeneous using a suitable electric stirrer (for at least 2–3 minutes). The inclusion of air in the mixing process is to be avoided. The mixture is poured into another container and briefly stirred again.

VIASOL EP-X910 S is spread using a special fillet spatula or a kaup spatula. VIASOL EP-X910 S can be filled with quartz sand VIASOL QS 0.1-0.3 up to a 1: 1 ratio. The fillet mortar should then be sanded with VIASOL QS 0.3-0.8. Consumption depends on radius and height of the fillet.

For cleaning of tools and other contaminations VIASOL SO-X10 tool cleaner is used.

Overcoating

The following coat should be applied within 36 h for proper adhesion. After 36 h, please contact our technical support.

(C) Technical Data		
Liquid mixture (A+B)		
1.	Mixing ratio A : B	100 : 38 by weight
2.	Working time (20°C) Pot life (20°C)	10 - 15 min. 7 min.
3.	Application temperature	10–25°C (min. 3 K above dew-point)
4.	Material consumption	Depending on radius and height of the fillet or of the joints and cracks
5.	Foot traffic (20°C)	after approx. 3–5 hours
6.	following coating (20°C)	within 3–18 hours
7.	Fully capable of withstanding mechanical stress (20°C)	after 3 days

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3 Further information

CE-Mark



CE Mark according to EN 13813

EN 13813 "Screed material and floor screeds – properties and requirements" specifies requirements for screed material for use in floor construction internally. Resin flooring and sealer coats are also covered by this standard.

For details see CE mark and Declaration of Conformity.

Decopaint-Guidelines (EU 2004/42/EG)

The maximum allowable VOC content for Product Category IIA j Type Lb products (in the ready to use state) is:

Stage II (from 2010) < 500 g/l VOC

In the ready to use state, this product contains less than 500 g/l VOC.

Warnings and precautions

Information relating to the safe handling of this product can be found in the Material Safety Data Sheet. Local regulations concerning the safe handling of epoxy resin based coating materials must be observed.

Suitable protective clothing including suitable eye protection must be worn.

Disclaimer

All information in this technical data sheet is based on our current knowledge and experience. This does not release the applicator from performing their own tests as many application factors, beyond our control, affect the application of our product. No guarantee of characteristics or suitability for a special purpose can be derived from this information. All present data, descriptions, drawings, photos, ratios, weights etc. are subject to change without prior notice and do not represent contracted characteristics of the product.

Due to different materials, sub-bases and working conditions, no guarantee of an application result or any liability claims can be derived from these details or from an unwritten technical advice except for liability claims based on:

- damage to life, body or health resulting from a negligent violation of obligations or a deliberate or negligent violation of obligation of a legal representative or assistant and
- if we are charged with intention or gross negligence.

The user has to test the products for their intended use. The user is responsible for following existing laws and orders and for observing third party trade mark rights.

As all VIACOR data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see www.viacor.de or contact us directly).

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