

Betonflair Uniprimer

Ready-to-use primer

Product Properties

- Copolymer dispersion
- Water-based, dries to a transparent finish
- Film-forming
- Substrate solidification
- Open to water vapour diffusion
- Resistant to UV, weathering and alkali
- Application by roller, brush or spraying
- Certified in according to EN 1504 part 2

Areas of Application

- Primer for cement-based substrates
- Suitable for alkali-based and neutral substrates
- Suitable in combination with Nafufill BS, Betonflair W, EmceColor-flex and Zentricryl RBS
- Also suitable on old coating
- REACh-assessed exposure scenarios: periodical water-contact, periodical inhalation, application
- Principle 1; procedure 1.2 (EN 1504-9)

Application

Substrate Preparation

All substrates to be primed must be sound, clean and free from all loose particles, dust, oil and any other contaminants. Cement laitance must be removed from the substrate. A minimum surface pull-off strength of 1.5 N/mm² is required.

Application

Betonflair Uniprimer is ready-to-use and must be mixed thoroughly before application. Application is carried out in a continuous or unbroken film using a roller, a brush or airless spraying technique. Works must be stopped in case of rain, high humidity, frost or risk of frost. Fresh coatings must be protected against condensed water, rain and frost.

Curing Time

See "Technical Data" table.

Rain-proof

See "Technical Data" table.

General Information

Coverage rates and consumption are determined by substrate properties and condition and may slightly vary. The recommended values in the "Technical Data" table are to be observed.

Betonflair Uniprimer must not be used during rain or temperatures below + 8 °C.

Betonflair Uniprimer is a primer and therefore only used in combination with the surface protection systems Betonflair W, EmceColor-flex E/S, Nafufill BS and Zentricryl RBS.

Technical Data for Betonflair Uniprimer

Characteristic	Unit	Value*	Comments
Density	kg/dm ³	1.00	
Viscosity	mPa/sec.	400-600	Haake E30 1/22,6 s
Touch-dry	hours	approx. 1	
Overcoating time	hours	approx. 1 approx. 4	porous substrates non-porous substrates
Coverage**	ml/m ²	approx. 100-150 approx. 500-600	normal concrete, fine fillers, old coatings, fibre-cement slabs aerated concrete, lime sand brick
Solid content	%	approx. 15	
Rain-proof	hours	4-6	
Application conditions	°C % K	≥ 5 - ≤ 30 ≤ 85 3	air, material and substrate temperature relative humidity above dew point

Product Characteristics for Betonflair Uniprimer

Delivery	10 l buckets
Storage	Can be stored in original sealed packages at temperatures below 20 °C in dry conditions for at least 12 months. Protect from frost! Same requirements are valid for transport.
Disposal	Packs must be emptied completely.
EU-regulation 2004/42	RL2004/42/EG All/j (30 g/l) max 20 g/l VOC

* All technical data relate to + 23 °C and 50 % relative humidity.

** Coverage rates depend on compactness, porosity and type of substrate.
To determine the exact project-specific coverage we recommend to apply a trial surface.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 03/11. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.