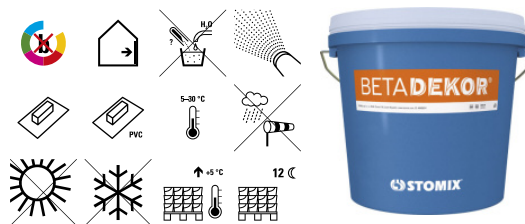


Technological instruction No. 02-010

BETADEKOR® IF10

Catalogue No.: 611300

BETADEKOR® IF10 is water soluble interior thinlayer rustic render.



CHARACTERISTICS

Application	It serves for final surface treatment of interior walls and plaster boards.
Characteristics	The hardened layer shows high flexibility. The formed surface enables washing of polluted places by water stream, by water with detergents eventually or cleaning by high-pressure water units.
Appearance	stippled structure

TECHNICAL DATA

Criterion	Standard/test regulation	Value/Unit	Notes
Density	EN ISO 2811	1.7 - 2.0 g/cm ³	
Equivalent diffusion thickness S _d	EN ISO 7783-2	0.07 m	V1 high
Water vapour diffusion resistance factor μ	EN ISO 7783-2	35	V1 high
Water permeability rate w	EN 1062-3	< 0.2 kg/m ² .h ^{0.5}	W2 medium
Cohesion	EN 15824	> 0.3 MPa	
Fire reaction	EN 15824	C	The consumption to 3.5 kg/m ²
Thermal conductivity	EN 1745	0.7 W/(m.K)	

The specified characteristic parameters are average values. Due to the use of natural raw materials in our products, the specified values may insignificantly differ in individual deliveries. This, however, does not compromise suitability and reliability of our products.

SUBSTRATE

Requirements	The base must be firm and consistent, cleaned from dust, grease spots and all impurities that could reduce the render adhesive capacity to the base. Suitable bases are quality, matured (at least 28 days) lime-cement, cement, polymer-cement renders and bonding agents, plasterboards and treated surfaces of chipboards (interior only), cement-chipboards and cement-fibre boards. Volume unstable bases must firstly be equipped by a backfilling (ALFAFIX® S1, S11) and glass mesh layer. Bases must be flat with even and natural surface structure with sunk edges. Unstable, inconsistent and polluted places of bases must be removed mechanically, repaired and impregnated. Also previous lime or glue paints must be removed by regrating. Bases with unsuitable flatness must be repaired, levelled eventually smoothed.
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Flatness requirements - maximal grain size + 0,5 mm for 1 m of length.

Preparation of the material	Before application of the final surface treatment the base is treated by water soluble primer HC-4. The render is possible to be applied after complete drying of penetration or base paint depending on the climatic conditions - 4 hours minimally, at temperatures lower than +10 °C and high relative humidity even 24 hours.
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APPLICATION

Climatic conditions during application	Range of working temperatures is from +5 °C to +30 °C (air and base) and the applied material must be secured against frost and rain up to complete drying.
Preparation of the material	Before application the material must be mixed by a quick stirrer (drill adapter) or by a mixer with forced mixing. The material is delivered in paste consistency and does not require any improvements. Consistency can eventually be adapted by adding of max. 2 % of drinking water. Mixing of any other additives is prohibited.
Consumption	(kg/m ²) BETADEKOR® IF10: 1.8 - 2.2
Spreading capacity	7,8 m ² / bucket (25 kg) according to the thickness of grain
Composition of surface treatment	Penetration varnish: Depending on the kind and condition of the foundation Intermediate coat: HC-4 in the corresponding colour shade Final surface treatment: BETADEKOR® IF
Application	<p>The render is applied by a stainless steel smoother. The structure is consequently formed by smoothing or designing by means of a stainless or plastic smoother. Application by air spraying with source of compressed air of minimally 300 l/min. under pressure of 0,18 to 0,30 MPa is another possibility. A nozzle with minimal diameter of 3 mm and adjustment of the pressure to minimal working value are recommended. Smoothing is not necessary.</p> <p>For complete areas material of the same batch should be used. If more batches are to be processed they must be mixed together and uniformly thinned. To maintain stabile consistency for adjacent surfaces is essential. Complete areas must done at once with sufficient and trained staff. It is not possible the surface should be conveniently divided at taking into account possible deviations.</p> <p>Adjacent surfaces (windows, doors, switchgear boxes etc.) must be protected against pollution (by a foil, tapes, etc.). Any polluted area must be cleaned in time because removal of dried material is difficult.</p>
Drying, curing, revision time	The material hardens physically though water vaporisation. The material dries up after 14 days. Adverse conditions slow the drying process down. On principle, protective measures must be taken (e.g. protection against rain, protection against sun by shading) on the worked or just finished surface under adverse conditions. At an air temperature of +20 °C and relative air humidity of 65 % re-work is possible not earlier than after 24 hours.
Cleaning tools	Immediately after use clean with water.
Instructions, recommendations, specialties, other	<p>white, tintable</p> <p>Stability of the colour tone: The surface may change over time when exposed to natural weather conditions, humidity, UV light, or deposits. This may result in a colour change. In fact, it is a dynamic process that is influenced by the weather conditions and exposure of the surface. For intensive and/or very dark shades, it is suggested to improve colour stability by applying an additional coat.</p> <p>Black grain: Fillings used in the plasters of STOMIX, spol. s r. o. are natural products that may individually give impression of dark or structural grains. This does not mean that the quality is deteriorating, but it is a minimum optical deviation. This is due to the natural character of the product and proves natural characteristics of the used materials.</p> <p>Breakage of the filling: When a coat surface is exposed to mechanical stress, there may be changes to a colour shade on the affected areas, particularly with dark, intensive colour shades. Such areas become slightly lighter, due to damage of the filling or pigment abrasion. This, however, does not affect quality and functionality of the product.</p> <p>Colour shade accuracy: On the basis of chemical and/or physical binding processes and in varying climatic and exposure conditions, no guarantee of accuracy and evenness of colour shade can be given, particularly with: - irregular absorption of the foundation - irregular humidity of the foundation</p>

- partially considerably different alkalinity of the substances contained in the foundation
- direct exposure to sunlight with strongly limited shade formation on a freshly applied area

DELIVERY

Tintable	full colour scale except tints of group b
Potential special setting	Adding other substances into the mixture is forbidden.
Packing	The product is packed in 25 kg plastic portable buckets.

STORAGE

Storage	When storing in the tightly closed original packaging, the warranty period is 12 months since the production date. Protect the product against frost and do not store it at sunlit places.
Storage period	12 months since the production date.
Ecology	Liquidation of not used remains is done by watering and depositing of the hardened inert substance as a building waste. Used packaging is liquidated as composite waste according to the valid legislation.

IDENTIFICATION

Product group	interior render
Composition	polymer binding substances, pigments, reinforcing fibers, fillers, modifying additives
Safety	Not mentioned anymore. Hazard determining components: The product is not dangerous. Additional information: Contains 5-Chlor-2-methyl-3(2H)-isothiazolon, mix with s 2-methyl-3(2H)-isothiazolonemsubstance. May produce an allergic reaction. VOC: Product category A, product subcategories I. The maximum permissible limit VOC content in the product ready to use is 200 g/l mass. Maximum VOC content in the product ready to use is 0.61 g/l mass.

SPECIAL INFORMATION

Regarding orders, transport, handling and storing, general sales conditions are applicable. Usage of the product is described in relevant technological sheet. Respect safety sheet instructions. The prescription is available at authorized dealers and on the address **www.stomix.com**.

The information provided takes in account the current status of the technology. We give general instructions based on our experience with application and results of the material tests. However, the information provided can't take into account the local conditions during the application, therefore, it can't be legally binding. In case of doubts or need to solve specific technical problems, please contact us.



WWW link