

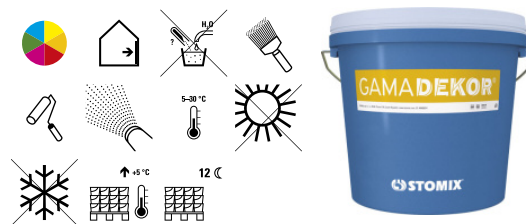
Technological instruction No. 05-001

GAMADEKOR® I

Catalogue No.: 600400

GAMADEKOR® I is water soluble organic interior colour.

ČSN EN 9001
 ČSN EN 14001
ISO 9001 ISO 14001



CHARACTERISTICS

Application	It serves for paints of wallpapers, walls and facings in interior, it is used for surface treatment of renders, plaster boards, cement-fibre boards, wood-fibre boards, polystyrene tiles and namely glass-textile, textile and embossed wallpapers.
Characteristics	On surfaces of the mentioned materials creates a fine, dim, abrasion-resistant coating with thickness to 0.3 mm. The hardened film is permeable for water vapours and shows high flexibility. GAMADEKOR® I is supplied in reduced tint scale (according to current colour card).
Appearance	dim

TECHNICAL DATA

Criterion	Standard/test regulation	Value/Unit	Notes
Density	EN ISO 2811	1.4 - 1.6 g/cm ³	
Equivalent diffusion thickness of the air coat	EN ISO 7783-2	0.08 m	
Water vapour diffusion resistance factor μ	EN ISO 7783-2	270	
Water permeability rate w	EN 1062-1	0.9 kg/m ² .h ^{0.5}	
Dry layer thickness	EN 1062-1	0.3 mm	
Grain size	EN 13300	0.25 mm	middle
Wet abrasion	EN 13300	Class 2	

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 solid, dry, consistent, dust and grease free. It can be moist but not wet. Renders and concrete must be quality and matured (min. 28 days). Damaged places must be removed and repaired, eventually reground. Also previous lime or glue paints must be removed by regrating. Any bases with supposed humidity increase must be frostproof.
Preparation of the material	<p>Common bases in interior are impregnated by water solution of the NL penetration coating. The absorbent exposed bases and bases containing organic substances are impregnated by water solution of the EH penetration coating. With smooth (plasterboards for example) and not absorbent bases an adhesive coating by the HC-4 primer in particular tint is made instead of the impregnation. Polystyrene tiles need not be impregnated.</p> <p>The colour 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.</p>

APPLICATION

Climatic conditions during application	Range of working temperatures is from +5 °C to +30 °C (both, the air and the base too). The applied material must be secured against frost and rain up to complete drying (at temperatures under +10 °C and high relative humidity it takes even 72 hours).
Preparation of the material	Before use the colour is mixed in the packaging, or a suitable tank or in a clean mixer. It is applied in supplied consistency, eventually it is thinned by adding of max. 5 % of drinking water. In case of surface treatment of polystyrene tiles or wallpapers the first coating is thinned by max. 15 % of drinking water. However, keeping stable consistency of the colour for complete construction or particular sections (one wall etc.) is essential. Thinning is not recommended for the last layer of paint. Mixing of any other additives is prohibited. Any contact of colour with corroding materials must be excluded.
Consumption	(kg/m ²) GAMADEKOR® I: 0.3 – 0.6 (according to the base) 2 layers
Spreading capacity	55.6 m ² / bucket (24 kg) – 2 layers
Composition of surface treatment	Penetration varnish: Depending on the kind and condition of the foundation Intermediate coat: GAMADEKOR® I Final surface treatment: GAMADEKOR® I Depending on the selected shade and kind of foundation, application of more coats might be necessary.
Application	GAMADEKOR® I is applied onto a prepared base by brush, fine moltopren or felt roll or by pressure applicator without air. It is recommended to realise the application minimally in two paints or sprays. The spray is realised by common cross manner in order to reach a balanced engraining of the base. At spraying of base with membered surface it is recommended to apply the colour in two or more layers in order to reach even structure and overall covering. The second spraying or paint can be done after total drying of the previous layer, i.e. after 4 to 6 hours (this period must be modified according to the climatic conditions - at temperatures under +10 °C and high relative humidity the material is totally dry after even 24 hours). 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 stable consistency of colour for compact surfaces is essential. Complete areas must be done at once with sufficient and trained staff. If it is not possible, the area should be conveniently divided with taking into account possible deviations. Adjacent surfaces (windows, doors, banisters, switchgear boxes etc) must be protected against pollution by a suitable foil, tapes etc. Any polluted area must be cleaned in time because removal of dried material is difficult.
Drying, curing, revision time	The drying time depends on the temperature, strength of wind and relative humidity. 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 re-work is possible not earlier than after 6 hours.
Cleaning tools	Immediately after use clean with water.
Instructions, recommendations, specialties, other	When used for airless paint spraying, it is necessary to use a sufficiently proportioned suction branch and check pipe bends of the device, since this colour might cause problems during the conveyance of material. Recommended size of a filter screen is > 250 µm.

DELIVERY

Colour hue	white, tintable 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. 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 - 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
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Tintable	full colour scale
Packing	The product is packed in 5 kg, 14 kg or 24 kg plastic portable buckets.
STORAGE	
Storage	When storing in the tightened closed original packages the guarantee period is 12 months from the date of production. Protect against frost, do not store in sun-radiated places.
Storage period	12 months from the date of production.
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 paint
Composition	polymer binding substances, pigments, fillers, modifying additives
Safety	Not mentioned anymore. Hazard determining components: The product is not dangerous. Additional information: Not stated. VOC contents: 0101 VOC: Product category A, product subcategories a. The maximum permissible limit VOC content in the product ready to use is 30 g/l mass. Maximum VOC content in the product ready to use is 1.85 g/l mass. 0102 VOC: Product category A, product subcategories a. The maximum permissible limit VOC content in the product ready to use is 30 g/l mass. Maximum VOC content in the product ready to use is 1.38 g/l mass. 0103 VOC: Product category A, product subcategories a. The maximum permissible limit VOC content in the product ready to use is 30 g/l mass. Maximum VOC content in the product ready to use is 22.22 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