



TECHNICAL SHEET



Product name:

INTAKRYLPage: 1/2
Date: 13.4.2016

Characteristics:	Acrylic dispersion paint for interiors.
Description:	Single-pack water-thinnable paint with very good opacity and high brightness of the white color, creating a matte surface finish. The paint features excellent adhesion to various construction materials. The coating features long durability, dry and wet abrasion resistance, and it is washable. The paint can also be prepared in the "structure" variation.
Composition (general):	Mixture based on acrylic dispersion containing co-polymer styrene acrylic dispersion as a binder, fine-grain extenders, pigments, dispergation agents and other ingredients enhancing the properties of the substance.
Application:	Finishes of ceilings and walls in interiors. Appropriate substrates feature cement-lime and cement plasters, concrete, fiber-cement and cement-bonded boards, glass-cement structures and other construction materials. The paint can also be prepared in the "structure" variation.
Colors:	It is produced in white, suitable for tinting, or in the colors RAL, EUROTREND, NCS, ČSN or in the agreed colors.
Properties:	Paint:
Density (g/cm³):	1.4 - 1.8
Volume solids ONL (%):	40 - 50
Weight solids (%):	60 - 70
KU viscosity:	min. 90
Flow time by use of flow cups F6 (s):	min. 45
pH (at 20 °C):	8.5 - 10
VOC (volatile organic compounds) (kg/kg):	0 - 0.015
0.006 TOC (total organic carbon content) (kg/kg):	0 - 0.008
Maximum permissible value of VOC content (g/l):	30
Max. VOC content in the product in the ready-to-use condition (g/l):	27
Water-thinnable paint category:	A/a - matte coatings for walls and ceilings in the interior, gloss value $\leq 25@60^\circ$
Appearance/color:	liquid
Gloss value (at 60°):	2 - 5
Pendulum hardness (2H/80 °C):	min. 60
Miscibility:	Miscible with water.
Adhesion by the grid-cutting method:	Degree 0 (cut edges are completely smooth and free of any defects)
Drying, degree 1 (surface dry):	50 min
Drying time, degree 2 (dry to the touch):	1 hr
Drying time, degree 4 (dry-through):	1 hr 20 min
Substrate preparation:	The substrate must be solid, coherent, dry, free from any mechanical and greasy impurities. Old paint coatings must be removed prior to the application; the substrate must be dusted off or washed. The substrate should be impregnated with PRIMER V.
Application conditions:	The air and substrate temperatures during the application and drying of the paint shall not fall below +5 °C.
Thinning:	The paint is prepared for direct application and it shall not be thinned before application.
Recommended method of application:	With a paint brush, a roller or air spray painting, in one or two layers
Recommended coating system:	1 x penetration coat with PRIMER V 1-2 layers of the INTAKRYL acrylic paint



TECHNICAL SHEET



Product name:

INTAKRYL

Page: 2/2

Date: 13.4.2016

Application data:	The enamel shall be applied to the pre-prepared surface in a single layer or in two layers. During application, make sure to apply the paint evenly to the substrate, so that the coating looks unified. This can be achieved by multiple movements of the paint roller in various directions and a final re-rolling of the area in one direction.
Spreading capacity and recommended thickness:	The theoretical spreading capacity is 0.3 - 0.4 kg/m ² at an optimum thickness of 50 µm for one layer.
Packaging:	Plastic containers weighing 1.5 - 45 kg.
Storage:	Store in original, well-closed containers in cool, dry and well-ventilated areas at a temperature from +5 to +25 °C. Protect from freezing. Keep the mixture separated from drinks, foodstuff, feedstuff and medicine. Store away from the reach of children. The shelf life is a minimum of 12 months from the date of manufacture. The product must not freeze.
Disposal of packaging and waste:	Product residues and contaminated packaging shall be disposed of as hazardous waste in accordance with the applicable regulations.
Safety and hygiene:	Observe the principles of personal hygiene. Ensure good ventilation of the workplace. During application, wear respiratory protection. If on the skin, wash the affected areas with soap and water. If in the eyes: rinse with water. If swallowed, rinse mouth with water, do not induce vomiting. In case of health difficulties, seek medical attention.
Legislation, certificates, attestations, other tested parameters:	See the Declaration of Conformity