



TECHNICAL DATA SHEET



Name of product:

DENCOAT

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April 13, 2016

Characteristics:	Dispersion acrylic facade paint
Description:	DENCOAT is a single-component water-dilutable paint. The paint has very good coverage and high durability while maintaining color, and high adhesion to silicate substrates.
Ingredients (general):	An acrylic dispersion-based mix comprising colorfast pigments, fine fillers, coalescents, rheology modifiers, and other additives modifying its properties. It contains water and a small amount of glycol ether solvents as a dilutant, and it contains no aromatic solvents or white spirit.
Use:	It is used for colorfast treatment of façade surfaces and weather protection. Suitable substrates are cement-lime and cement plasters, brizolit, concrete, asbestos cement and cement particle board substrates, glass concrete structures and other building materials. The paint can also be used for more demanding interior coatings where increased adhesion, abrasion resistance and water resistance are required.
Shades:	According to the color chart of the manufacturer, in selected RAL, EUROTREND, NCS and ČSN shades, or in shades as agreed.
Properties:	Coating material:
Density (g/cm³):	1.3 – 1.8
Volume solid ONL (%):	45 - 50
Solids by weight (%):	60 - 65
Viscosity KU:	105 -125
Efflux time from cup F6 (s):	> 150
pH (at 20°C):	8 - 10
VOC (volatile organic compounds) (kg/kg):	0,01 - 0,02
TOC (total organic carbon) (kg/kg):	0,004 - 0,01
Maximum permissible VOC content (g/l):	40
Max. VOC content of the product in ready-to-use state (g/l):	36
Water-dilutable coating categories.	A/c paints for mineral substrate exterior walls
Appearance/color:	Liquid
Gloss level (at 60°):	max. 5
Pendulum hardness (2H/80°C):	min. 50
Miscibility:	Miscible with water.
Grid cut test adhesion:	Grade 0 (cut edges are completely smooth, undamaged)
Drying stage 1 (against dust):	50 min
Drying stage 2 (to the touch):	1h
Drying stage 4 (dry):	1h 15 min
Water vapor permeability:	$S_D < 1.7 \text{ m}$
Water penetration rate:	$w < 0.1 \text{ g/m}^2 \cdot \text{h}^{0.5}$
Preparation of the substrate:	The substrate must be solid, cohesive, dry, free of mechanical and greasy impurities and old coatings not adhering to the substrate. We recommend rinsing highly soiled surfaces with pressurized water. Absorbent substrates are impregnated with PRIMER V. New plasters must not be treated with lime coatings before application.
Conditions of application:	The temperature of the air and the substrate during application and drying of the paint must not drop below +5 °C.
Dilution:	The paint is ready to use and is not diluted before application.
Recommended method of application:	With a brush, roller or spray



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Recommended coating system:	1 layer of PRIMER V, impregnation of the surface with a mix diluted with water in the ratio of 1:4. The interval between individual layers is at least 4 hrs - depending on the drying conditions. Highly absorbent substrates can be impregnated with a double coating. 1 - 2 layers of DENCOAT, dispersion acrylic facade paint; the interval between individual coatings is 8 h - depending on drying conditions.
Coverage and recommended thickness:	The theoretical consumption is 0.3 - 0.5 kg/m ² for smooth plasters, and 0.8 - 1 kg/m ² for rough scraped plasters.
Packaging:	Plastic containers weighing 1.5kg, 4.5kg, 7kg, 15kg, 25kg, 40kg.
Storage:	Store in the original well-sealed container in a cool, dry and well-ventilated area at temperatures ranging from + 5 to + 25 °C. Do not freeze. Keep the mixture separate from drinks, food, feed and medicines. Keep out of reach of children. Shelf life at least 36 months from the date of production. The product must not freeze.
Disposal of packaging and waste:	Dispose of product residues and contaminated packaging as hazardous waste in accordance with applicable regulations.
Safety and hygiene.	Observe personal hygiene practices. Provide workspace ventilation. Wear respiratory protection when spraying. In case of contact with skin, wash with soap and water. In case of contact with eyes, rinse with plenty of water. If swallowed, rinse mouth with water, do not induce vomiting. In case of health problems seek medical attention.
Legislation, certificates, attests, other tested parameters:	See Declaration of Conformity