

FORTEKRYL® interiérový lak

Serial Number 1204

varnish for coatings of wood in the interior

Features:

FORTEKRYL interiérový lak is a water-soluble transparent coating, based on acrylic hybrid dispersions and special additives. It has very good processability and excellent flow. The coatings are characterized by excellent adhesion to the substrate and surface hardness. **FORTEKRYL interiérový lak** is not intended for floor coatings. **FORTEKRYL interiérový lak** is available in gloss, semigloss and matt finish. Meets EN 71 Part 3 Safety of Toys – Migration of certain elements.

Usage:

FORTEKRYL interiérový lak is designed for coating of wood, wood and cork wall tiles, planks, wood core plywood, particleboard and drywall in the interior.

Technical data:

Dry matter		35 wt. %
Specific weight		1,00–1,20 g/cm ³
pH		8,0–9,0
Flow time (4 mm)		min. 80 s
Drying	grade 1	40 minutes
	grade 5	2 hours
recoat		after 2–4 hours
sanding		after 2 hours
Adhesion (grid)		excellent
Hardness after 10 days		25 %
Appearance film		glossy or silk finish
Content of volatile organic compounds (VOC):		
Category/subcategory of product		A/e
Max. volume of VOC in product		46 g/l
		0,0460 kg/kg
TOC		0,0267 kg/kg

Consumption:

0,10 to 0,15 kg/m² (layer 1)

Packaging:

0,7 kg cans, 1,8 and 4 kg plastic packaging

Storage:

In original containers at 5 °C to 25 °C. It must not freeze!

Application:

FORTEKRYL interiérový lak is the perfect mix applied with a brush, roller, compressed air or high-pressure airless spraying or dipping on a dry (moisture max 12 %) clean surface, free of resin sites (e.g. washing resin thinners), grease and loose layers. **FORTEKRYL interiérový lak** may be diluted to a suitable application viscosity with more than 5 % of water. The coating is carried out in 2–3 layers with an interval between coats of 2–4 hours (20 °C) at a temperature of the substrate and environment in the range of 10–25 °C. The substrate temperature must not fall below 10 °C, relative humidity can be

up to 75 %. Lower temperatures and higher humidity slow the drying. Tools must be cleaned immediately after use by washing with water.

Example of the coating process:

1. Perfectly clean surface of wood (see Processing)
2. 1x **FORTEKRYL interiérový lak** coat of interior paint. For the first coating, the material can be diluted with up to 5 % of water. (Consumption from 0,10 to 0,12 kg/m²).
3. Drying for 2–4 hours.
4. Light sanding with sandpaper No. 150 to 180.
5. 2–3x **FORTEKRYL interiérový lak** coats of interior paint (paint consumption on 1 layer of 0,10 to 0,15 kg/m²). Recoating interval 2–4 hours at 20 °C, regrid between coats with sandpaper No. 220 is suitable.

Certification:

ITC authorized person 224

Waste disposal:

This information is on the safety data sheet of this product.

Safety and hygiene at work:

When following basic hygiene rules, **FORTEKRYL interiérový lak** does not endanger human health or the environment. The product is treated article, contains biocidal product. It contains a reaction mixture CMIT/MIT (3:1) [Index number: 613-167-00-5]. May cause an allergic reaction. Wear suitable protective clothing and gloves when working overhead. When spraying, goggles and a respirator is needed. Wash skin with soap and water, apply proper regeneration cream. In case of contact with eyes, flush immediately with water, seek medical help. If swallowed, rinse mouth with tepid water, drink about 0,5 liters of tepid water with 10 tablets of crushed charcoal and seek medical help. Do not induce vomiting. Details are on the safety data sheet of this product. **FORTEKRYL interiérový lak** is a non-flammable liquid according to ČSN EN 65 0201.