

TECHNICAL DATA SHEET

TDL

Kreos

sez. 1.0 Technical characteristic

KREOS by OIKOS is an interior decorative plaster based on acrylic resins in water dispersion and selected fillers. Thanks to its composition the product remains soft to touch and easy to work with. It is able to produce classic decorations or modern designs using the architect's fantasy and the ability of the decorator with the right tool: a scratch pad, a tool for cor du roy effect, a steel trowel, a plastic trowel, a marine sponge, a bristle pad and a brush, to allow a whole series of effects in various colours and styles, adapting the decoration to perfectly suit the desired ambient. KREOS is abrasion resistant, vapour permeable, odourless, non-toxic, non-flammable, environmentally friendly.

sez. 2.0 Ideal Use

Wall decoration and interior design.

sez. 3.0 Surface preparation

Clean the surface to be coated, removing any loose or crumbling parts. In the case of old or powdering surfaces it is advised to apply a coat of sealer such as NEOFIX or CRILUX by OIKOS. In the case of rough or uneven surfaces it is advised to first screed surfaces using PASTE SCREED FOR WALLS by OIKOS. Apply then a coat of the primer IL PRIMER by OIKOS.

sez. 4.0 Application method

Ply Kreos uniformly onto the wall using a medium hair roller. Before the product dries, proceed in the work of product using the necessary tools for the desired effect (see specific instructions for the effects: fil-posè, chine, drapé. Lame, cor du roy, broccato, pettinato, goffrato).

sez. 5.0 Finish

KREOS is a finished decorative product itself but can also be decorated on top of in order to give different finishes and effects. In this case once dry, proceed with the decoration of the surface using the products indicated: Veldecor, Pallas, Multidecor and Ultrasaten by OIKOS. It is also possible to achieve a rustic style finish with an additional Antique finish technique.

Technical characteristics: the application

sec. 6

Dilution/Mixing	Ready to use, max 5% drinkable water.
Yield	3 ÷ 4 m ² /l depending on the surface and the effect desired.
Application tools	TOOL FOR COR-DU-ROY, TAMPON, PLASTIC TROWEL, SPATULA, BRISTLE PAD, BRUSH, MARINE SPONGE, INOX STEEL TROWEL by OIKOS.
Primer	CRILUX, NEOFIX by OIKOS
Base coat	IL PRIMER by OIKOS
Application temperature	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time: touch dry	1 h (temperature = 20°C with relative humidity at 75%)
Drying time: fully cured	7 days (temperature = 20°C with relative humidity at 75%)
Tools cleaning	Water

Technical characteristics: the product

sec. 7

Composition	Special acrylic resins in water dispersion, organic and inorganic pigments, titanium dioxide, and selected fillers
Specific weight	1,17 kg/l +/- 3%
PH	pH: 8 ÷ 9
Viscosity	18.000 ÷ 23.000 CPS Brookfield (RVT 20 revs/min. a 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Fire reaction	Negative when applied on a non flammable surface, water based material with dry thickness of less than 0,600 mm
Vapour permeability (Sd)	0,22 m (max allowed limit 2 m, DIN 52 615)
Resistance to washing	Resistance to washing: conforms to the norm DIN 53 778, resists to more than 1.000 abrasive cycles.
Resistance to abrasion	Resistance to abrasion: conforms to the norm DIN 53 778, resistance to more than 5.000 abrasive cycles.
Available colours	White and shades from the color chart.
Packaging	1 l – 5 – 15

sez. 8.0 Toxicological data

The product is free of any harmful substances, pigments or other components containing heavy metals such as lead or chrome. Further to this, the product contains no toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. The product is non combustible and is held to be a non-toxic substance if used in the technically correct manner. Normal cautionary measures for the handling of water based paints are advised. No special arrangements are

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required for the storage, movement and transportation of the product, any spillage should be cleaned up using absorbent inert material such as sand, soil etc. etc. and then disposed of as any normal waste product. The transport must be executed according to the international agreements

Specifications

sec. 9

Clean the surface to be decorated, removing any loose material. Proceed to apply a coat of the primer II PRIMER by OIKOS. Once dry, apply a decorative interior plaster such as KREOS by OIKOS, using the tool required for the chosen effect. All must be carried out in accordance with the norms of application, at a cost of m². inclusive of materials and labour..