

## Technical Data Sheet

Date of issue: 27/11/2023

# TETRACRYL

## Acrylic, water-repellent, ready to use plaster

**TETRACRYL** is an acrylic, flexible, water-repellent, ready-to-use plaster. It is applied onto construction materials such as concrete, inorganic smooth plaster, cement board, plasterboard, painted surfaces, wood, etc., after appropriate preparation of the surface. It has excellent adhesion, high water repellency, and excellent flexibility and does not crack. It eliminates the need to paint the surfaces because it can be colored and is ideal as a final coating for the thermal insulation of buildings. It is suitable for indoor and outdoor use. It is produced in forms of Fine, Full (imitation of traditional plaster) and Décor.

### Characteristics-Advantages

- Easy application
- Excellent adhesion
- High water repellency
- Excellent flexibility



### TECHNICAL INFORMATION

Product type	Organic coating based on acrylic dispersion and special pigments, aggregates and additives.
Density@25°C	1,75-1,85 gr/ml
Drying time @25°C, 50% relative humidity	60 minutes (Times may vary depending on the temperature, humidity, film thickness, shade and air movement)
Colors	White and unlimited number of shades through tinting system of TETRALUX (the aggregates used in the plaster may cause slight differences in color from batch to batch. For a big, even surface it is recommended the tinting of the same batch)
VOC (Volatile Organic Compounds)	EU limit value for this product Category A: "c", Type: WB, Exterior walls of mineral substrate: 40g/l (2010). This product contains max 39g/l.



#### DILUTION

Without dilution



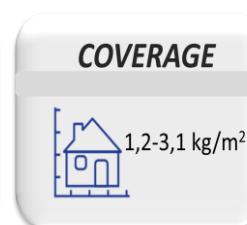
#### APPLICATION

Trowel



#### DRYING TIME

60 minutes



#### COVERAGE

1,2-3,1 kg/m<sup>2</sup>



#### PACKAGING

18kg, 25kg



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### SUBSTRATE PREPARATION

The substrate must be stable, dry, clean and free of substances that may affect the shade and the adhesion of the plaster. Clean the surface from dust, oils, adhesives and loose materials. Then prime the surfaces with SOVADUR without or with little thinning.

### APPLICATION INSTRUCTIONS

**Application method:** Smooth metal trowel (preferably stainless steel) for application and plastic for finishing.

**Application:** Before application of **TETRACRYL**, stir well the material, avoiding intense foaming. After SOVADUR is completely dry, apply TETRACRYL with a smooth, metal trowel to a thickness slightly greater than the size of the sand (1+mm, 1.2+mm, 1.5+mm, 2+mm). Then follows the finishing, which is done with a plastic trowel by circular movements while the layer is still fresh and almost immediately after application.

**Coverage:** About 1,2-3,1 kg/m<sup>2</sup> per layer depend on the product, according to the following table.

PRODUCT	Thickness of layer	Consumption
TETRACRYL 1.0mm	1+mm	1.2-1.4kg/m <sup>2</sup>
TETRACRYL 1.2mm	1.2+mm	1.5-1.7kg/m <sup>2</sup>
TETRACRYL 1.5mm	1.5+mm	1.8-2.0kg/m <sup>2</sup>
TETRACRYL 2.0mm	2+mm	2.8-3.1kg/m <sup>2</sup>

### Remarks:

- Wash your equipment immediately after the application, with water and soap (if it is necessary).
- Avoid the product application if the ambient and surface temperature is below 5°C or above 35°C.

### STORAGE

Keep the packages sealed in their original form and in storage conditions away from frost, sunlight and temperatures below 5°C and above 35°C

### HEALTH, SAFETY AND ENVIRONMENTAL PROTECTION INFORMATION AND GUIDELINES

Handle with care. Before and during use, follow all safety instructions on the packaging and containers, consult TETRALUX Safety Data Sheets and follow all local or national safety regulations.



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13

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External render based on organic binders

Water vapour permeability: V2

Water absorption: W3

Adhesion: 0,4 Mpa

Durability: NPD

Thermal conductivity:  $\lambda=0,7$  W/(mK)

Reaction to fire: Euroclass C

The above technical information is based on the experience and the knowledge of the company. The company guarantees the quality of the product, but bears no responsibility for any damages caused if the product has not been used properly and in accordance with its instructions for use.