

# DEC 428 POLYPLAST

## COLORED ACRYLIC BASED PLASTER REINFORCED WITH SILICON RESIN

ACCORDING TO  
**EN 15824**

### DESCRIPTION

The **DEC 428 POLYPLAST** is a high quality acrylic render in paste form modified with silicon resins, with high hardness. It offers excellent water-repellency and

workability. With excellent resistance to ultraviolet (UV) radiation and atmospheric conditions. Available in Scratch, Rillen and Fine styles.

### FIELDS OF APPLICATION

- Used as a final layer plaster on the external thermal insulation system ClimaPLUS.
- Applied over surfaces plastered with final layer plasters (FHP 221, FHP 225) or with one hand plasters (NHP 250, NHP 255) or painted with acrylic paints.
- Also applicable on concrete surfaces, plasterboard and cement board.

### ADVANTAGES -FEAUTURES

- Available in over 200 shades.
- Does not need painting.
- Used either as an external top coating, or internally as a decorative coating.
- Offers excellent water- repellency.
- It has high elasticity and does no form cracks.
- Excellent transpiration ability of surfaces.

### SUBSTRATE PREPARATION

The substrate should be clean from dust and oils which can reduce adhesion. Large unevenness and cracks in the substrate should be repaired. Prior to application of **DEC**

**428 POLYPLAST** the surfaces should be treated with the primer **GLX 494 PRIM**.

### APPLICATION

Mix **DEC 428 Polyplast** with an electric stirrer. After sufficient stirring the plaster is applied over the primer with a stainless steel spatula.

Treat the plaster with a plastic spatula. After completing the application, the tools should be cleaned immediately with plenty of water.

### CONSUMPTION

- DEC 428 RILLEN - 1,5 mm: 2,3 kg/m<sup>2</sup>  
- 2,0 mm: 2,7 kg/m<sup>2</sup>  
- 2,5 mm: 3,1 kg/m<sup>2</sup>  
- 3,0 mm: 3,8 kg/m<sup>2</sup>
- DEC 428 SCRATCH - 1,0 mm: 1,8 kg/m<sup>2</sup>  
- 1,2 mm: 2,0 kg/m<sup>2</sup>  
- 1,5 mm: 2,5 kg/m<sup>2</sup>  
- 2,0 mm: 3,3 kg/m<sup>2</sup>
- DEC 428 FINE - 2,0 kg/m<sup>2</sup>

### PACKAGING - STORAGE

In 25 Kg plastic buckets. In a dry environment with temperature greater than 0 °C for 24 months from date of production.

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## APPLICATION TEMPERATURE

Between +5 ° C to +25 ° C. If the temperature exceeds +30 ° C is recommended to add 200-250ml clean water/ 25kg container product. Not recommended for

application under direct sunlight, rain and strong winds. It is necessary to properly protect the facade. High humidity and low temperatures may prolong the hardening time of plaster.

## PRECAUTIONS

Protect eyes and skin. In case of contact, wash with plenty of water. In case of contact with eyes, seek immediate medical advice. Read the information on the

label and technical brochure before use. Wear appropriate protective clothing and gloves. The MSDS of the product is available upon request to the professionals.

## TECHNICAL CHARACTERISTICS ACCORDING TO THE EUROPEAN STANDARD EN 15824

TECHNICAL CHARACTERISTICS	UNITS	STANDARD	VALUE
Form			Paste
Color			Various shades
Mixture destiny	(Kg/m <sup>3</sup> )	EN 1015-6	1550 ±50
Adhesion to substrate	(N/mm <sup>2</sup> )	EN 1542	0,4
Water absorption	(kg/m <sup>2</sup> h <sup>0.5</sup> )	EN 1062-3	Category W3
Vapor permeability Sd	(g/m <sup>2</sup> d)	EN ISO 7783-2	Category V2
Reaction to fire		EN 13501	Category C
Thermal conductivity (λ)	W/(m · K)	EN 1745	0,51

*Note: The measurements were taken in laboratory environment under a temperature of +23°C, Relative humidity 50 % and without ventilation. It is possible for them to vary depending on the conditions prevailing at the worksite, such as temperature, humidity, ventilation, absorbability of the substrate.*