

DEC 428 POLYPLAST

ACRYLIC BASED RENDER - COLORED

DESCRIPTION

The **DEC 428 Polyplast** is a high quality acrylic render in paste form, with high hardness. It offers excellent water-repellency and workability. With excellent resistance to

ultraviolet (UV) radiation and atmospheric conditions. Available in Scratch and Rillen 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: 2,4 kg/m²
- 2,0 mm: 2,7 kg/m².
- **DEC 428 SCRATCH** - 1,0 mm: 2,3 kg/m²
- 1,5 mm: 2,7 kg/m²
- 2,0 mm: 3,2 kg/m².

PACKAGING - STORAGE

In 25 Kg plastic buckets. In a dry environment with temperature greater than 0 °C for 12 months from date of production.

The technical information and instructions contained in the present brochure and referring to the application and end use of Thrakon products are based on the up to now know-how and experience of the Company with regards to the products and are provided in good faith as long as such products are stored, used and applied as per Thrakon recommendations. Due to the inability, on our part, to directly inspect the conditions prevailing at the worksite as well as the application procedures of the product, the Company does not provide any guarantee with regards to the adequacy of its products for specific purpose while the Company shall not bear any legal responsibility based on the information stated in the present brochure or any other written, oral, or otherwise provided recommendations and instructions. The users of the products are advised to perform a limited surface testing of the products adequacy for the eventual application and use intentions. Thrakon reserves the right to modify the features of its products without prior notification. All orders shall be approved only following acceptance of the above and under the eventual Commercial Policy terms of the Company. The issuance of the present brochure voids any prior version.

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	UNIT	STANDARD	VALUE
Form			Paste
Color			Various shades
Mixture destiny	(Kg/m ³)	EN 1015-6	1600
Adhesion to substrate	(N/mm ²)	EN 1542	0,72
Coherence	(mm)	EN 1015-4	44
Water absorption	(kg/m ² h ^{0.5})	EN 1062-3	0,35 - Category W2
Vapor permeability Sd	(g/m ² d)	EN ISO 7783-2	46 - Category V2
Water vapor diffusion resistance factor (m)		EN ISO 7783-2	136
Reaction to fire		EN 13501	Category C
Content of non-volatile material	(%)	EN ISO 3251	85,66

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.