

## F5 – NEUCECRIL – New Generation Elastic Coating

### DESCRIPTION:



Formulated with water based photo reticulated acrylic resins and pigments and charges that provides to this product a high solidity to light and to bad weather, “NEUCECRIL” is a very elastic coating, impermeable to water and with few superficial tackiness.

The superficial photo reticulation produced by the action of the solar light ultra violet rays provides to the film two simultaneous features:

- A highly elastic but resistant behavior, which permits to “absorb” cracks up to 2 mm.
- A superficial hardness that allows, practically, to eliminate the tackiness, making dirt adhesion minimal.

### FEATURES:

- Impermeability to water but permeable to water vapor.
- Quite resistant to bad weather and to microorganisms action.
- High elasticity and good capacity of masking cracks.
- It minimizes dirt adhesion.

### SPECIFICATIONS:

- **Density**.....1,250 ± 0,10
- **Viscosity**[SP7 60rpm (25°C)].....28000±4200 cp
- **Color**..... White and others
- **Aspect**.....Pasty
- **Finishing**.....Silky and matte
- **Dry-to-touch**.....6 to 8 hours
- **Depth drying**.....Minimum of 24 hours
- **Tenor in CIT/MIT**.....< 15 ppm
- **Permeability to water vapor**..... 23,4 ± 0,1 g/(m<sup>2</sup>x d)
- **Elongation**..... 421 ± 11% to 20°C  
202 ± 25% to 0°C  
85 ± 19% a – 10°C
- **COV (volatile organic composites) ...** <sup>a)</sup> Limit value UE for this product cat. (A/c) 40 g/l (2010). This product contains 16g/l COV maximum.
- **Classification according to the norms EN1062-1 e NP4504 (2012):**  
Brilliance – Class G3 – Matte (G≤10 Angle Incidence 85°)  
Permeability to water vapor – Class V2 – Medium (0.14m≤sd<1.4m)  
Permeability to liquid water – Class W3 – Low (W≤0.1Kg<sup>m</sup>-<sup>2</sup>h<sup>-0.5</sup>)  
Resistance to alkalis from hydraulic ligands – Nothing to add  
Resistance to accelerated artificial ageing (NP EN ISO 11341) – Very light yellowing, doesn’t present any defects such as cracks, blistering and detachments.

- RECOMMENDED USE:** Given the peculiar features of the film, by its superficial photo reticulation, “NEUCECRIL” is recommended for facades’ coating of resistant plaster, as a mean of treatment and prevention of cracks.
- SURFACE PREPARATION:** Surfaces have to be dry, hard, free of dust, badly adhered materials or dirt.
- SURFACE INSULATION:** We recommended as proper insulation:
- One coat of “PLIONEUCE PRIMER” – without dilution, which should dry 24 hours before the application of “NEUCECRIL”.
- APPLICATION:** Before to use homogenize well the product.  
The application can be realized with a paint-brush, a wool-roller or a proper brush, in order to obtain the adequate film thickness. The product efficiency is, also, a film thickness function. Therefore, for a good impermeability a minimum of 3 coats of “NEUCECRIL” – on “PLIONEUCE PRIMER” of insulation – spaced out from 8 to 12 hours and without dilution is compulsory, in order to leave a film thickness of 1,5 to 2,0 mm.
- OTHER APPLICATIONS:** Concerning facades restoration or a new work, if a reinforcement with a canvas sheet or a façade coating is pretended, to use the following scheme:
- 1<sup>st</sup>. To apply 1 coat of "PLIONEUCE PRIMER", without dilution.
  - 2<sup>nd</sup>. To apply a coat of “NEUCECRIL”, without dilution, and, right after, to spread the canvas sheet slightly compressing it in order to remain stretched and soaked by the coat of “NEUCECRIL”.
  - 3<sup>rd</sup>. Immediately apply a new and abundant coat of “NEUCECRIL”, and without dilution so that the canvas sheet remains perfectly covered.
  - 4<sup>th</sup>. Let it dry for 2 days.
  - 5<sup>th</sup>. To apply as finishing 1 coat of “NEUCECRIL” without dilution.
- DILUTION:** The product should be applied at the supplied viscosity; however it can be diluted with water, up to a maximum of 5% and only for the 1<sup>st</sup> coat.
- COVERAGE:** Variable according to application method, the absorption of the plaster and the film thickness. We advise a coverage of 2,2-2,5 m<sup>2</sup>/liter per coat.
- CLEAN-UP:** With water right after the application.

**RECOMMENDATIONS:** Do not apply with rainy weather, strong and dry wind without protection or under an intense sun, nor with a room temperature inferior to 5 °C or superior to 35°C.

**WARNING:** This product is not irritant nor presents any risks of sensitization in a contact with skin. In spite of presenting no risks for health, it is advised to keep out of reach of children. For further information, the reading of our product **Safety Data Sheet** is essential

**STORAGE  
AND  
PACKAGING:**

Packages should be kept properly closed, in good environmental conditions of temperature and humidity, and spend the product on the chronological order of supply.

Use it, with preference, up to 2 years after its manufactured date, but it can also be used after this date, as long as a good homogenization of the product can be verified.

It is supplied in packages of 5lt and 15 liters.

Note a) The value of the VOC previously mentioned concerns ready-to-use products, according to the technical specifications that we recommend. We do not take any responsibility for other mixtures made to the product. We draw special attention to all our agents for the responsibility that they take by not respecting what the Directive 2004/42/CE establishes