

Sheet:

Cod. 9607

PAVIFER-535

High-quality luminescent powder, for use as a filler in 100% solid epoxy and cold polyurea systems.

- For luminescent finishes.



PRODUCT DESCRIPTION

PAVIFER-535 is a high quality luminescent powder that can be incorporated into 100% solid epoxy resin and cold polyurea to achieve luminescent surfaces, achieving its extraordinary ability to capture sunlight, accumulate it and emit it throughout the night. It is a product based on aluminates and recycled materials and has a very high light output, tripling the standard in its superior quality for dimming time.

RECOMMENDED USES

PAVIFER-535 can be used in solvent-based or water-based coatings. The most common areas of application are for luminescent road signs.

PROPERTIES

- It is activated by sunlight or artificial light.
- It allows visibility in dark conditions or in poorly lit areas.
- It is waterproof and ultraviolet resistant (suitable for outdoor use)
- Once charged, the luminescence lasts for 10 to 12 hours in dark conditions

RECOMMENDED CONSUMPTION

The usual allocation is usually 0.250 G/m².

PRESENTATION

Presentation: 1 Kg plastic containers.

STORAGE

The storage temperature of **PAVIFER-535** should be between 10 and 25 °C. Containers (full or empty) should not be exposed to the direct action of the sun's rays or heat sources such as stoves, convectors, etc., as overpressures can occur inside them, causing the packaging to swell with the consequent danger during handling. The components are sensitive to moisture, therefore, they must always be stored in hermetically sealed containers and must be protected against the entry of moisture at all times, to avoid alterations in the final product or unusability for processing.

COLORS

Green

TECHNICAL DATA

Colors:	Green
Main Function	Luminiscent
Physical appearance	Dust
Sizes (mm)	0,2 – 0,4
Operating Temperature Range	-15°C 50°C.
Luminance after 10 minutes	Greater than 586 mcd/m2 (green light)
Luminance after 60 minutes	Greater than 81.9 mcd/m2 (green light)
Attenuation Time UNE 23035 (*)	Greater than 10,955 minutes
(*) Logarithmic extrapolation according to UNE 23035 to obtain the time in which the luminance is 0.3 mcd/m2	
The technical data shown are the result of statistical results and do not represent guaranteed minimums.	

LEGAL NOTICES

This information and, in particular, the recommendations regarding the application and end use of the product are given in good faith, based on the current knowledge and experience of POLIUREA SYSTEMS of the products when they are properly stored, handled and applied, in normal situations, within their useful life, in accordance with the recommendations of POLIUREA SYSTEMS.

In practice, the possible differences in materials, substrates and actual conditions at the place of application are such that no warranty in terms of merchantability or fitness for particular purposes, nor any obligation whatsoever outside of any legal relationship that may exist, can be inferred from the information herein, nor from any other written advice or advice offered.

The user of the products must carry out the tests to check their suitability in accordance with the to the intended use. POLYUREA SYSTEMS. It reserves the right to change the properties of its products. The property rights of third parties must be respected. All orders are accepted in accordance with the terms of our current General Terms and Conditions of Sale and Supply.

Users should be aware of and use the latest and most up-to-date version of the local Product Data Sheets, copies of which will be sent to anyone upon request, or can also be obtained on the www.poliureasistemas.com