



STARDUSTCOLORS SAS

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Series : SPECIAL EFFECTS

PU Phosphorescent

Reference : PHU2K

Version : 27/08/2020

TECHNICAL DATA FILE

TYPE OF PRODUCT & APPLICATION

PHU2K is a phosphorescent tri-component lacquer, allowing

- very high chemical / abrasion / weather resistance,
- a high level of phosphorescence
- application possible with a brush, or spraygun.

APPLICATION FIELD

Signage and marking, vertical and horizontal

COMPONENTS & MIXING

Solvent-based paint

Mixture by weight, in this order:

100 parts of base 830

36 parts of Ymo7 powder

33 parts of hardener 432

Mix thoroughly before use and mix regularly during application to avoid sedimentation.

Mix only the necessary quantity ,usable within 30 minutes (Pot Life)

PHYSICAL AND CHEMICAL CHARACTERISTICS

Product density RFU

1,2 Grs/cm³ ± 0,05

Solids contents:

65 % ± 1

Gloss:

60°

NF4 RFU viscosity:

45'

Pot-Life Mix:

30 min / 20°C

Theoretical coverga:

3 M² / kg

VOC RFU

<420g / L

APPLICATION SYSTEMS

Brush, 2C aerosol, air gun
Roller and Airless gun not recommended
Sprayguns from 1.4 mm and above

INSTRUCTIONS FOR USE

Application on dry and dust free support
The background must be white to reflect the light (primer, paint, lacquer)
The white base must be sanded with P320-P400 prior application

Application

± 350 Grs./M2. (3 coats)

Spray: respect an interval of 7-10 minutes between each coat

By brush: Cover as soon as the previous layer is "sticky"

DRYING

At a temperature of 20 ° C:

Touch dry: 60 min

Core dry: 12 h

Most of the hardening properties are achieved after 48 hours

STORAGE AND PACKAGING

Kit 350ml / 0.39kg 250mL + 100ml Hardener + 80g powder jar
kit 1,33L / 1,59 kg 1L + 330ml Hardener + jar 360g powder
kit 4 L / 4.82 kg 3L + 1L Hardener + 1.08 kg jar powder
Maximum storage time: 12 MONTHS IN A WELL CLOSED BOTTLE

OBSERVATIONS

Follow the instructions for use indicated on the container label and take all ventilation and handling precautions as indicated in the product safety data sheet, standardized by current legislation.

TESTS

Excellent fire resistance

The application satisfies the various aspects of the standard
EN 45545 - 2, according to 3.1: See Report Test

High luminance, long afterglow and fast recharging:
Luminance possible up to Class D (ISO 17398)

Friction, leaching (NFX08-050-1) See Report Test
Friction test CDC NFX08-050-1 (11/2011) §7.3.1 , waterproof finish

Excellent adhesion, Detachment, notches, stickers (NFX08-050-1) Report Test