

**STARDUSTCOLORS SAS**

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**Series: PHOTOLUMINESCENT****PHOTOLUMINESCENT FOR FLOOR  
EPOXY ACRYLIC 90000**

Reference: PH9000

**TECHNICAL DATA SHEET**

Version: 21/05/2019

**TYPE OF PRODUCT AND APPLICATIONS**

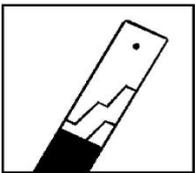
Photoluminescent paint specially designed for floors. High resistance to abrasion and chemicals. Maximum luminance, persistence and efficiency up to 12h.

Emitted color: GREEN and TURQUOISE

Composition: Two component acrylic epoxy

Photoluminescent paint is effective in total darkness.

Application fields :  
Marking and security.

**COMPONENTS AND MIXING**

BASE 100%

HARDENER 25%

POWDER 36%

DCA-2118D

YMO-7

Mix by weight . Mix the three components in exactes proportions .  
100 parts base + 25 parts hardener + 36 parts powder . Let rest for 5  
minutes before application

**PHYSICAL AND CHEMICAL CHARACTERISTICS**

Product Density	1.25g/cm <sup>3</sup> ±0.05
Colour / Aspect :	SEMI TRANSPARENT – YELLOW WHITE
Solids Rate:	68% ±4
Product Viscosity:	20 " ±5 " Cup: FORD 8
Application Viscosity:	FORD 4
Gloss Level:	60°
Recoverable :	4 H
Mixture Pot Life:	1H
Theoretical coverage :	8 M <sup>2</sup> /L/coat
Theoretical final coverage :	2 M <sup>2</sup> /L
VOC	< 320g/L

## APPLICATION SYSTEMS

### SPRAYGUN / AIRLESS:

Thin the mixture with a standard acrylic dissolving agent if needed : DDU-5501M

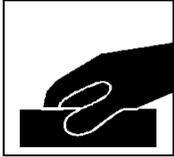
### BRUSH :

Do not add thinner. Roll or Airless application is not recommended

## USER MANUAL

Conditions d'application : 15 – 25 °C

The mixture must be perfectly homogeneous.



### SUBSTRATE :

Most be free from dust, moisture, grease

Degrease thoroughly the plastic using a degreasing agent

The application must be done on a white background or primer (over concrete, use our white epoxy primer for concrete)

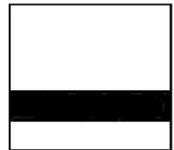


### APPLICATION AND ADJUSTMENT:

2 – 3 BARS

APPLIQUER 3-4 COUCHES, AVEC 10-20 MINUTES D'INTERVALLES

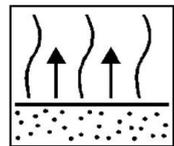
100 g / m<sup>2</sup>



### THICKNESS :

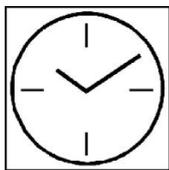
WET : 100 µm

DRY : 60 µm



DESOLVATION : 20 MINUTES

## DRYING



OVEN : -

20°C : OK

AT TOUCH : 2H

SERVICE : 24-48H

COMPLETE POLYMERIZATION IS OBTAINED AFTER 7 TO 14 DAYS WITH MAXIMUM HARDNESS

## TOPCOATING



NO NECESSARY

CAN BE CLEARCOATED WITH OUR TRANSPARENT EPOXY

ACRYLIC BASE TO READ HIGER RESISTANCE AND THICKNESS

## STORAGE AND AVAILABLE PACKAGINGS

1,6 KG KIT

8 KG KIT

Maximum storage period: 12 MONTHS IN A TIGHTLY CLOSED CAN

Flash Point :

Transport Code:

UN Code :

Classe 3, Groupe 3

UN1263

## OBSERVATIONS

Follow carefully the instructions for use as indicated on the label of the can and take all precautions concerning the ventilation and the handling according to the product safety data sheet, as standardized by the applicable legislation.