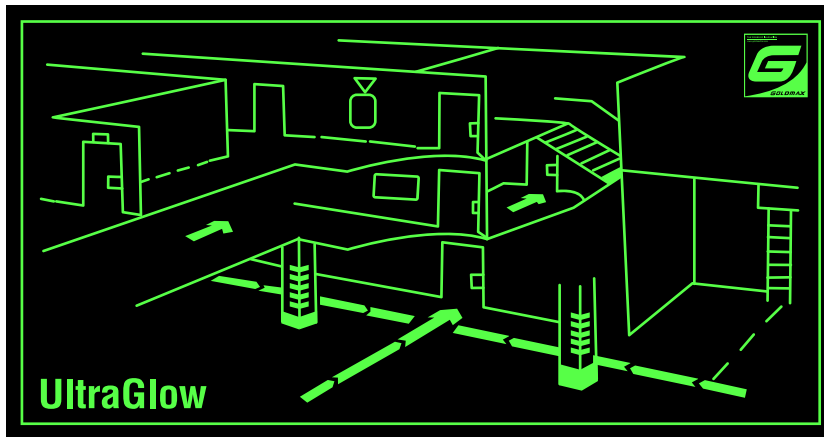


UltraGlow-SL Photoluminescent Paint



(Solvent Free Self-leveling Epoxy System)

TECHNICAL DATA SHEET



After Glow Time Over 12 Hours* Depending on DFT applied / and light charging exposure ,Luminance is over JIS Z 9107 and DIN 67510

Remark : Photoluminescent material is approved by ISO 16069:2004

(LUMINANCE : mcd/m2**)

Time	5 min	10 min	20 min	30 min	60 min
Zinc Sulfide	40	16	6	-	3.3
JIS Z9107 STD	110	>16	>6	-	7(PSPA classB)
DIN 67510-1 STD	60	30	-	3.3	5
GOLDMAX-UltraGlow	-	>163	>88	-	>28

* Time to decrease afterglow to 0.32 mcd / m2 when excited with above condition

**Remark : Test result of luminescent pigment after excited by Xe light source is scanned at 1000 Lx for 10 min .,Afterglow intensity (luminance) is measured according to DIN 67510 part 1

Technical Properties

GOLDMAX UltraGlow-SL solvent free self-leveling Epoxy paint is produced from new photoluminescent pigment technology based on strontium aluminate and high quality solvent free self-leveling resin.

Outstanding features are :

- Ceramic like surface appearance and very high brightness.
- Over 10 times longer emission time compared with Zinc sulfide based product.
- Photoluminescent material used to create visual components-graphical symbols, safety sign and Safety Way Guidances Systems (SWGGS) approved by ISO 16069:2004.
- High durability, good chemical resistance and abrasion resistance, its suitable for heavy traffic indoor application.
- Higher heat distortion resistance than others conventional epoxy, acrylic and polyurethane coating.
- Not contain radioactive and toxic component.
- Regulatory compliance : EN71-part3, ASTM F963-07 and ROHS.
- To get maximum luminance.
 - luminescent material is requires exposure time about 10 min under natural light and 30 min under fluorescent lamp light of 2 meters.
 - Completed substrate hiding with white undercoat primer must be applied before painting luminescent layer.
 - Recommended minimum dry film thickness 300-600 microns.
 - Coverage : 0.5 KG. per sqm (@dry film thickness 300 microns)