

PRODUCT SPECIFICATION

S-MARK Glow-X

GLOW IN THE DARK TAPE

SKU: FM-3408



PRODUCT DESCRIPTION:

Self-Adhesive Photoluminescent (glow-in-the-dark) Marking Tape. Glow-X is charged by natural or artificial light. The purpose of the tape is to create a visual aid when usual light sources fail to do so. When applied at low level (skirting boards) it can be used to reduce disorientation in case of a building fire when smoke blocks light from the ceiling. Permanent solvent acrylic adhesive system with paper release liner.

PHYSICAL PROPERTIES

Technical Descriptions	Value	Detail	Test Method
Photoluminescent compound	Strontium aluminate	-	-
Backing material	PVC	0.15mm	Calliper
Tape thickness	-	0.79mm	Calliper
Adhesive	Solvent acrylic	0.06mm	Calliper
Release liner	Siliconised paper	0.17mm	Calliper
Colour	Neutral / Pale Green	-	-

TECHNICAL PROPERTIES

Technical Descriptions	Value	Unit	Test Method
Adhesion to Steel	1.5	Kg/25.4mm	PSTC-1
Tensile strength	4.0	Kg/25.4mm	PSTC-31
Elongation at break	>25	%	PSTC-31
Temperature range	-5 to +50	°C	-
LRV test (Range 3)	78.25	Av. LRV	WW22

Luminance Test			
2 minutes	478.4	mcd/m ²	-
10 minutes	95.1	mcd/m ²	-
30 minutes	27.7	mcd/m ²	-
60 minutes	12.17	mcd/m ²	-
Decay time (down to 0.3mcd/m ²)	1450	Minutes	24 Hrs

APPLICATION RECOMMENDATIONS

Use on sealed / non-porous surfaces only. Prior to application the surface should be dry and free of any dirt, dust and grease. Use sufficient pressure over the whole surface at room temperature to ensure maximum adhesive contact.

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