

Technical Data Sheet

PVC Rigid Panel
Class C

A.1 Equipment description

Description : Photoluminescent safety device for the signaling and evacuation of people

Standards : Product compliant with standard NF X 08-050-1, 2 and 3

Dimensions : All sizes, from 2,5 cm to 100 cm wide, up to 120 cm long

Cut-outs on request. Printing on request. Minimum order : 5 sqm

Thickness : From 1,0 to 1,3 mm

Photoluminescent class from B to G on request.

A.2 Photoluminescent characteristics

Photometric property, luminance and classification : CLASS C

For safety signals, Class C is the minimum required in Europe

Luminance Classes ISO 17398 and PSPA proposals				
Luminance mcd/sqm Classification	2 MINS	10 MINS	30 MINS	60 MINS
CLASS A	108	23	7	3
CLASS B	210	50	15	7
CLASS C	690	140	45	20
CLASS D	1100	260	85	35
CLASS E	1800	400	120	55
CLASS F	2300	520	155	70
CLASS G	3000	650	190	80

A.3 Resistance characteristics

Operating life : Our photoluminescent products are renowned for their durability (the phosphorescence has a service life of 10 to 20 years), without deterioration of performance or maintenance requirements, except a simple cleaning (dusting and washing)

Luminance* : Higher than Class C (Measures according to *DIN 67 510 part 1*)

Fire resistance * : (NF EN 60695-2-10, NF EN 60695-2-11 and NF EN 60695-2-12): No data available

Resistance to bad weather* : (NF EN ISO 4892-2 - NF-ISO4892-2 (1303): Excellent resistance to bad weather (rain, frost) . The product is not resistant to heat durable exposition

Uvs resistance. The product is not resistant to heat durable exposition. Possible yellowing.

Water resistance * : The product is perfectly waterproof (NF-NFX08-050-2 5.3.3). No test report available.

Abrasion resistance * : (NF EN ISO 7784-3): Excellent resistance : Slight marking and no loss in mass after test. No test report available.

Salt spray test * : (NF EN ISO 9227, NF-NFENISO9227): No deterioration on the photoluminescent part : Compliant, No test report available.

Washing resistance * : (NF EN ISO 105-X12) : Excellent resistance to washing, detergents.

A.4 Implementation recommendations

Application : Easily printable and cuttable.

Maintenance : Photoluminescent products don't need maintenance.

Cleaning : Regular dusting is recommended to ensure optimal brightness. Cleaning with mild detergent.