



Used for signage: Fire Fighting Equipment, IMO, Means of Escape and Life Saving)

Seaward Safety's photoluminescent rigid plastic has 2 primary components: a base layer of PVC resin (polyvinyl chloride) and a layer of photoluminescent pigment. The photoluminescent is 'charged' by absorbing ambient lighting, and 'operates' when ambient lighting sources have been removed, whether that is due to fire, smoke ingress, power cut, etc. During operation, it can continue to glow in the dark for more than 24 hours.

Ideal for the manufacture of safety signs, bespoke boards, low location lighting and indication markers; the material is nontoxic, free from any radioactive substances, easily-applied and has excellent thermal and dimensional stability. It requires very minimal maintenance - simply wipe over with a damp cloth when required.

TECHNICAL DATA

ITEM		REMARKS
TEMPERATURE RANGE FOR APPLICATION	-52°C - +52°C	
PULL INTENSITY	>25mpa	According to GB/T 1040-1996
BENDING STRENGTH	>28mpa	According to GB/T 9341-2000
STORE TEMPERATURE	15~30oC	
STORE HUMIDITY	40~60%	
OXYGEN INDEX	>32	According to GB/T 2406-1993
THICKNESS	1.15+0.05mm	
LUMINANCE (10min)	>190mcd/m2	According to DIN67510 part 1

