

# Composite Marine Fire Extinguisher P50FM



FOAM



## P50FM BSX-ASX Foam



The marine foam fire extinguisher has excellent firefighting capabilities making it effective on Class A materials fuelled by wood, paper and textiles as well as Class B fires fuelled by paints, solvents, oils and petrochemical products.

The extinguisher has also passed the EN3 test for use on live electrical equipment up to 1000V at a distance of 1m. The operational temperature range is from +5°C to +60°C.

## Features

- Manufactured in Great Britain
- 10 year operational corrosion guarantee
- 10 year quality assurance on material defects and workmanship
- 20 year life cycle
- No service contract required
- Requires only one manufacturer overhaul at 10 years
- A yearly visual maintenance inspection, checking indicators with the magnet
- A Schrader valve is fitted allowing easy refilling on-board vessels
- Recyclable
- Super strength Aramid (Kevlar®) type material yarn
- Lightweight for ease of operation
- Kitemark, PED, MED and EN3 approved
- Manufacturer ensures safe disposal of contents when required
- UV protection of the outer casing
- QA laser serial number on outer casing
- Operating valve - nickel plated brass
- World recognised patented design
- Main approvals and certifications as below

EN3



## TECHNICAL SPECIFICATION

| Model | Capacity (Litres) | Fire Rating | Full Weight (Kgs) | Temp Range    | Operating Pressure (Bar) @ 20°C | Discharge Duration (Secs) | Discharge Range (M) | Diameter (mm) | Height (mm) |
|-------|-------------------|-------------|-------------------|---------------|---------------------------------|---------------------------|---------------------|---------------|-------------|
| P50FM | 6                 | 34A/183B    | 8.5               | +5° to + 60°C | 12                              | 40                        | 4+                  | 178           | 570         |

## SPECIFICATIONS

|                                 |                                    |
|---------------------------------|------------------------------------|
| Operating Pressure @ 20°C       | 12bar                              |
| Test Pressure (PT)              | 22bar                              |
| Maximum Allowable Pressure (PS) | 15.38bar                           |
| Minimum Burst Pressure          | 55bar                              |
| Cylinder Material               | HDPE with Aramid Winding (Kevlar®) |
| Operating Head Material         | Brass C3771 - Nickel Plated        |
| Hose and Nozzle                 | Hose - EPDM Synthetic Rubber       |

## COMPONENT PARTS

| Item | Description                 | Part No.         |
|------|-----------------------------|------------------|
| A    | Headcap Assembly            | P50-HC-ASS       |
| B    | Hose Assembly and Nozzle    | P50-HO-ASS       |
| C    | Oetiker Clip                | BRO540 & 541     |
| D    | Transport Bracket and Strap | P50-TB6          |
| -    | 6lt Foam Refill             | P50AFF06         |
| -    | Wall Bracket Normal         | P506-BRACKET     |
| -    | Wall Over Bracket           | P50 OVER-BRACKET |
| -    | Headcap Spanner             | HCSP50           |
| -    | Bench Clamp                 | SERVICE-CLAMP    |

## YEAR OF MANUFACTURE COLOUR CODES STUD CHART

|        |      |
|--------|------|
| GREY   | 2017 |
| BROWN  | 2018 |
| ORANGE | 2019 |
| PURPLE | 2020 |
| YELLOW | 2021 |
| GREEN  | 2022 |
| RED    | 2023 |
| BLUE   | 2024 |
| WHITE  | 2025 |
| BLACK  | 2026 |

The extinguisher maintenance programme is a simple process which staff members can easily carry out.

If an indicator is in the **RED** segment return to manufacturer or appointed distributor.

Remove any dust with a clean cloth. Turn upside down to inspect base and locate testing magnet.

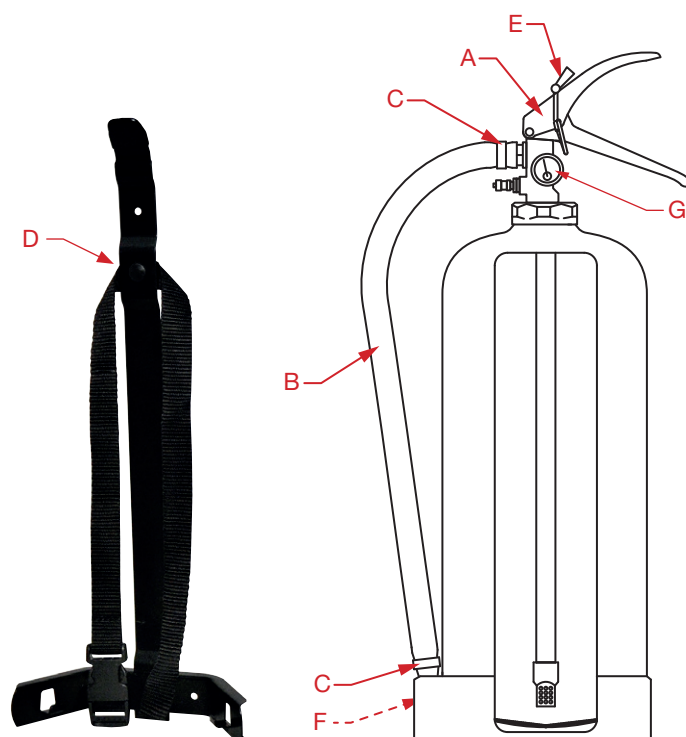
Check date is within 10 year operational lifespan (colour coded stud in base gives year of manufacture (F)). At 10 years return to manufacturer or distributor for manufacturers overhaul to extend the lifespan by a further 10 years.

Check the tamper seal is in place (E). If tamper seal is missing, contact manufacturer or distributor.

Check indicator with a magnet to confirm operation (G). Moving magnet from side to side needle should move then return to **GREEN** segment. Return magnet to base.

Record yearly inspection date into logbook and mark extinguisher body with permanent marker pen.

**FROST PROTECTION TO -5°C IS AVAILABLE**



## INSTALLATION DATE

| Year of Inspection | Examiners Signature |
|--------------------|---------------------|
| <b>SAMPLE</b>      |                     |
|                    |                     |
|                    |                     |
|                    |                     |