



**BRITANNIA FIRE**



## P50P2 2kg ABC Powder

ABC 40 powder is a combination of Mono-ammonium phosphate and ammonium sulphate. On Class A fires the particles fuse and swell to form a barrier which excludes oxygen and prevents re-ignition. On Class B fires the powder interferes with the chemical reactions, thus the flame ceases to exist.

The powder is nonconductive.

ABC 40 powder will extinguish Class A (carbonaceous) fires, Class B (flammable liquid) fires and Class C (flammable gas) fires.

**Marine Model Available.**

## 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
- 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



Manufactured in Great Britain

**EN3**



## Technical Specification

| Model | Capacity (Litres) | Fire Rating | Full Weight (Kgs) | Empty Weight (Kgs) | Temp Range    | Operating Pressure (Bar) @ 20°C | Discharge Duration (Secs) | Discharge Range (M) | Width (mm) | Depth (mm) | Height (mm) |
|-------|-------------------|-------------|-------------------|--------------------|---------------|---------------------------------|---------------------------|---------------------|------------|------------|-------------|
| P50P2 | 2                 | 13A/55B     | 2.74              | 0.8                | -20° to +60°C | 12                              | 22                        | 3                   | 127        | 127        | 430         |

## Specification

|                                 |                                    |
|---------------------------------|------------------------------------|
| Operating Pressure @ 20°C       | 12                                 |
| 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        |
| Nozzle                          | Nylon                              |

## Component Parts

| Item | Description            | Part No.       |
|------|------------------------|----------------|
| A    | Head cap assembly      | P50-HC-ASS2    |
| B    | Nozzle                 | P50-2KGNZZ-B   |
| C    |                        |                |
| D    | Transport/Wall Bracket | P502KG-BRACKET |
| —    | 2kg Power Refill       | P50DP2         |

## Simple In-House Annual Inspection

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.
- Check the tamper seal is in place. If tamper seal is missing, contact manufacturer or distributor.
- Remove any dust with a clean cloth. Turn upside down to inspect base and locate testing magnet.
- Check both gauges with a magnet to confirm operation.
- Moving magnet from side to side needle should move then return to **GREEN** segment. Return magnet to base.
- Check date is within the operational lifespan (colour coded stud in base gives year of manufacture).

At end of service life, return to manufacturer or distributor for manufacturer's overhaul to extend the lifespan.

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

