



INSTANT SOLUTION FOR CHALLENGING SPILLS

Solid-Float Boom

Structurflex Solid-Float Booms are a robust and rapidly deployable boom. They have proven their worth with a wide range of challenges, including oil tanker spills, oil rig spills, oil and chemical spills into harbours and rivers and industrial mishaps involving urban waterways.

The Boom is also easy to deploy, ideal for tough conditions and non-experienced operators. Manufactured from highly robust Polyurethane fabric, our Solid-Float Booms have cylindrical floats and handles every two metres for easy positioning.



SOLID-FLOAT BOOM



Applications

Strong current, high winds, sheltered non-harbour and exposed harbours.

Specifications

| MODEL | SFX360 | SFX500 | SFX650 | SFX750 | SFX900 |
|---------------------|---|--------|--------|--------|--------|
| Freeboard (mm) | 155 | 150 | 250 | 250 | 300 |
| Draft (mm) | 205 | 350 | 400 | 500 | 600 |
| Overall height (mm) | 360 | 500 | 650 | 750 | 900 |
| Weight (kg/m) | 2.6 | 2.8 | 5.2 | 5.6 | 7.3 |
| Ballast (mm) | 8 | 8 | 10 | 10 | 13 |
| Section lengths (m) | All models available in 10, 15, 20, 25 or 30 metre lengths. | | | | |

Floataction Chamber

| | | | | | |
|---------------|-----|-----|-----|-----|-----|
| Diameter (mm) | 150 | 150 | 250 | 250 | 300 |
| Length (m) | 1.5 | 2.5 | 2.5 | 2.5 | 2.5 |

Environmental Conditions

| | | | | | |
|-----------------|-----------------|----------------------------|-----------------------------|-----------------------------|----------------------------------|
| Waves (m) | 0.3 | 0.5 | 1.0 | 1.0 | 1.0 |
| Current (knots) | 3 | 3 | 3 | 3 | 3 |
| Wind (knots) | 15 | 15 | 15 | 15 | 20 |
| Working area | Sheltered water | Lakes Rivers Marinas | Harbours Strong currents | Harbours Strong currents | Exposed harbours Strong winds |

Materials

| | |
|----------------|--|
| Fabric | Polyurethane coated nylon – 900 g/m ² (Chemical resistant XRS/PVC options available) |
| Floataction | Cylindrical closed cell polyethylene foam |
| Ballast | Galvanised chain |
| Colour | Orange |
| Handles | Every 2 metres |
| Connectors | Marine grade aluminium ASTM "Z" type or ASTM "Universal Slide" type with 9.5mm toggle pins |
| Anchor bridles | Can be fitted to all connectors |

Optional Equipment

Tidal compensator, towing bridle, repair kit, anchor kit, storage boxes and stillages.

Other sizes can be manufactured to customer's requirements.

Key Benefits:

- Instant deployment – no inflation required
- Durable construction with HF-welded seams
- Tool-free connectors
- Handles every 2 metres
- Manufactured from highly abrasion-resistant polyurethane
- Suitable for permanent deployment

Specifications Diagram

