



**POWER-SPRAYS**

LW Combination Spray Gun

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## **LIGHTWEIGHT COMBINATION SPRAY GUN**

The Power-Sprays' Lightweight Combination Spray Gun is offered as an alternative to the Concentric Spray Gun for spraying GRC and it is the recommended spray gun for spraying Glass Fibre Reinforced Gypsum (GRG).

A glass fibre chopper and a slurry gun are mounted on a single bracket with a facility to vary the angle between the two and thus adjust the spray pattern.

Cementitious or gypsum slurry is supplied via a pump and flexible hose to the slurry gun where it is atomised by compressed air and projected as a "slurry cone" through the nozzle.

The glass fibre roving is cut to length within the chopper mechanism and the cut fibre is blown into and mixed with the slurry. In this way, the two materials merge together forming a sprayed composite on the mould surface. After spraying the GRC or GRG, the composite is consolidated by roller compaction.

The Lightweight Combination Spray Gun is recommended when fast setting materials are used as the slurry gun can be easily dismantled and cleaned. It can also be used when there is the likelihood of some oversize (2-3mm) particles in the sand, as these will not block the slurry gun.

Fine mist coats can be sprayed by just using the slurry gun.

### **Specification:**

Weight:	3kgs
Dimensions (overall):	30 x 20 x 18 cm
Air consumption:	1200 litres / minute (40cfm) approx. at a pressure of 7bar (100psi)
Output variable:	Fibre: 500 - 1000grammes / minute - Typical 600gm per min* Slurry: 10 - 20kgs / minute - Typical 12kgs per min*
Fibre lengths:	41 mm, 31 mm, 25 mm, 12 mm and 6 mm available (Standard units are fitted with a 31 mm cutter)

\*Typical outputs. Higher outputs are possible.  
Please discuss with Power-Sprays or your agent.

### **For further information contact:**

Power-Sprays Limited  
Avonmouth Way  
Avonmouth  
Bristol BS11 9YA

Tel: +44 (0)117 9820067  
Fax: +44 (0)117 9820060  
info@power-sprays.co.uk  
www.power-sprays.co.uk

**MEMBERS OF THE INTERNATIONAL GLASSFIBRE REINFORCED CONCRETE ASSOCIATION**

