

## IC-ECOFIX Instant Concrete

### 1. Identification

#### 1.1 Introduction

Carlton IC-ECOFIX is a factory produced 15N instant concrete, consisting of dried aggregate, cement and other additives.

#### 1.2 Authority

Carlton IC-ECOFIX is manufactured under a registered ISO 9001 Quality System.

Materials used comply with the following standards:

Aggregate	BS EN 13139
Cement	BS EN 197-1

Admixtures do not contain calcium chlorides.

Water added on site should be clean and free from impurities.

### 2. Description

#### 2.1 Manufacture

All raw materials and end products are subject to regular quality control procedures and testing.

Dried aggregate and other materials are weighed and mixed under computer control with rigorous quality control procedures.

#### 2.2 Compressive Strength

Carlton IC-ECOFIX is designed to achieve 15N/mm<sup>2</sup> after 28 days.

### 3. Packaging

Carlton IC-ECOFIX is available in 20Kg plastic bags that are showerproof and recyclable.

### 4. Mixing Instructions

Product to be mixed semi-dry.

There are two methods of use.

Traditional concrete mixer.
<ul style="list-style-type: none"> <li>Add approximately 1.8 Litres of water per 20Kg bag to the mixer. Too much water reduces strength, durability and bond and can cause cracking.</li> </ul>
<ul style="list-style-type: none"> <li>Mix thoroughly until all the powder becomes wetted.</li> </ul>
<ul style="list-style-type: none"> <li>Place, compact and trowel to a smooth finish if required.</li> </ul>

#### No-mixing

- Spread the 20Kg bag over the required area to a maximum depth 50mm.
- Sprinkle lightly and evenly 0.9 Litres of water over the powder.
- Compact and trowel to a smooth finish.
- After an hour, sprinkle a further 0.9 Litres of water over the same area.
- Do not** add any additional materials. All components required are within the mix.

### 5. Conditions of Use

- All surfaces to be worked should be free from oil, grease and loose material.
- Newly finished concrete should be protected from drying out by covering with polythene sheeting or wet hessian sacking.
- Recommended temperature range for use is 5°C to 30°C.
- Standard site practice to the relevant British and European Standards should always apply. Carlton Manufacturing cannot be held responsible where workmanship has not been carried out in accordance with good practice.

### 6. Prices and Conditions of Sale

Our Sales Office will be pleased to provide quotations for specific projects. All quotations are subject to our Conditions of Sale, a copy of which is available on request.

### 7. Health & Safety

For health & safety information – see Material Safety Datasheet.

### 8. Technical Services

#### 8.1 Advisory Service

Our Technical Advisory Service is available to give expert advice on the specification or use of Carlton IC-ECOFIX.