



# HANDICRETE®

## MULTI PURPOSE CONCRETE



AVAILABLE SIZES:  
**25KG & 40KG**

### YIELD



**25kg bag**  
**0.010m<sup>3</sup>\***

**40kg bag**  
**0.016m<sup>3</sup>\***

\*Approximate  
yield per bag

Dricon® Handicrete® is ideal for all types of general purpose concrete work. It consists of a uniformly blended mixture of graded sands, aggregates and EcoSure Low Carbon Cement designed to achieve the concrete's workability and performance. Dricon® Handicrete® is grey in appearance but can be coloured using selected Dricon® Oxitone® Oxides. It can also be further enhanced by using Dricon® Concrete Treatment.

#### COMPRESSIVE STRENGTH

20MPa after 28 days.

#### WATER CONTENT

25kg - 2.6 to 3.4 litres per bag

40kg - 4.0 to 4.8 litres per bag

#### MIXING

In a wheelbarrow or concrete mixer add water followed by contents of HandiCrete® bag.

Mix thoroughly until a workable mix is achieved; generally 3-5 minutes is sufficient.

Your ideal HandiCrete® mix should be the consistency of porridge.

#### POURING

Pour into area and work the concrete sufficiently to ensure it reaches all corners and you remove all air bubbles. This can be done with a shovel or spade and by tapping the boxing with a hammer.

#### LEVELLING OFF

Level off with a straight edge and then finish smooth with a trowel or flat piece of wood.

#### FINISHING

Final trowelling should be left until the concrete has had an hour or more to partly set and there is no free water on the surface. A non-skid finish can be obtained by sweeping the surface with a soft broom.

#### DRYING AND CURING

For the first seven days freshly poured concrete should be protected from both sun & frost and be kept moist.

A minimum strength of 20MPa will be achieved in 28 days. Avoid vehicle and foot traffic for at least 7 days.

#### SUITABLE PROJECTS

- Concrete jobs with a minimum of 40mm thickness
- Slabs and patios
- Foundations and footings
- Footpaths
- Mowing strips
- Driveways
- Concrete steps
- Blockfill

## CONCRETING TIPS

### PLAN YOUR PROJECT ON PAPER

Prepare the site with string lines and pegs to ensure straight edges. Excavate the site, ensure the foundation is firm to avoid the concrete cracking. Compact with gravel if necessary.

### BOXING

Boxing is used to contain the concrete and give a clean edge. The boxing should be at least 200mm high. Drive pegs into the ground at 600-900mm intervals and nail the boxing to them. Use thin strips of timber at intervals to act as crack inducers or cut joints later with a masonry saw. Curves can be formed using 10mm high timber with pegs at 400-500mm intervals.

### DIMENSIONS

Get accurate dimensions, especially depth. Depth will vary depending on uses. For vehicle usage, aim for at least 150mm deep and 100mm for foot traffic.

### DAMPEN

Using a hose, dampen area to be concreted with water.

## PRODUCT INFORMATION

<b>PACKAGING</b>	Paper bag
<b>SIZE</b>	25/40kg
<b>SHELF LIFE</b>	12 months from date of production
<b>STORAGE</b>	Keep in dry location free of moisture
<b>COLOUR</b>	Grey
<b>GRAIN SIZE</b>	Up to 12mm
<b>WATER DEMAND PER KG</b>	0.10 to 0.14 litres
<b>WET DENSITY</b>	Approximately 2350kg/m <sup>3</sup>
<b>WORK TIME</b>	40-60 minutes
<b>INITIAL SET TIME</b>	2-3 hours
<b>APPLICATION THICKNESS</b>	No less than 40mm
<b>APPLICATION TEMPERATURE</b>	5 to 30°C
<b>COMPRESSIVE STRENGTH 7 DAY</b>	> 11 MPa
<b>COMPRESSIVE STRENGTH 28 DAY</b>	> 20 MPa
<b>SAFETY INFORMATION</b>	Refer to the Safety Data Sheet on our website

## GENERAL INFORMATION

If only part of the bag is required, mix the entire contents of the bag together first in a dry state, return the unwanted portion to the bag or alternatively a dry sealed container, then follow the instructions.

All mortars and concrete products may exhibit a temporary 'whitening', otherwise known as efflorescence which neither affects strength nor durability.