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# Castle Readybag Concrete 40N Mix technical specification

Castle Readybag Concrete 40N Mix complies with BS5838 : Part 1 : 1980.

Castle Readybag Concrete 40N Mix is formulated to produce good quality concrete for applications when a higher strength is required quickly and easily. It is an ideal solution for a whole range of building projects. It is quick, clean, convenient and economic with less waste than other methods.

## Applications

Castle Readybag Concrete 40N Mix is a pre-packed concrete for applications when a higher strength is required.

- Easy to use – just add water
- Saves time – quick and convenient
- Economic – less waste than some other methods
- Quality – guaranteed product quality

## Quality

Castle Readybag Concrete 40N Mix complies with BS5838 : Part 1 : 1980 and is factory produced to ensure the highest quality concrete. When mixed with water a 25kg bag will produce approx 0.011m<sup>3</sup> of concrete and cover:

- 0.15m<sup>2</sup> @ 75mm thick
- 0.11m<sup>2</sup> @ 100mm thick

## Strength

When tested in accordance with BS5838 : Part 1 : 1980 will achieve a minimum compressive strength of 40N/mm<sup>2</sup> at 28 days.

## Instructions for use

The contents of the bag may segregate during transport and handling. To ensure satisfactory performance the entire contents should be mixed thoroughly together. If only part of the bag is required at a time mix together the entire contents on a clean, dry surface. Return surplus to the bag or other suitable container before adding water.

All surfaces to be worked should be free from oil, grease and any loose material. Feathered edges are not recommended. The substrate should be prepared to prevent loss of moisture from the wet concrete.

For best results, mix thoroughly using a mechanical mixer. Alternatively, empty the Castle Readybag Concrete 40N Mix onto a clean, flat surface, mixing thoroughly before adding water.

Add small amounts of clean water while mixing thoroughly until the required consistency is achieved. Avoid adding too much water as this will weaken the concrete mix and affect the setting time and durability.

For best results, use within 30 minutes of mixing. Protect newly placed concrete from the weather until fully hardened. Concrete strengths are improved by keeping the hardened concrete damp.

Application temperature: +5°C to +35°C.

## Addition of other materials

Castle Readybag Concrete 40N Mix is a pre-packed concrete. The addition of admixtures is not recommended and could adversely affect the performance of the finished product.

## Shelf life

Under the Chromium (VI) Directive, Castle Readybag Concrete 40N Mix has a shelf life of six months from the date of packing shown on the bag.

## Availability

Available in 25kg bags.

# Castle Readybag Concrete 40N Mix technical specification

## For further information please contact:

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