

Target Fill-Crete

Low Strength Concrete

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PRODUCT

TARGET Fill-Crete is a pre-packaged Low strength concrete designed to be used anywhere the use and strength of a conventional Concrete is not required. Can be used for backfill operations where the product may need to be excavatable in the future.

TYPICAL PROPERTIES OF TARGET FILL-CRETE

MIX CONSISTENCY	FLOWABLE
WATER ADDED Litres/25 kg bag (US quarts) / 55 lb bag	3.5 litres (0.93 gallon)
AIR CONTENT , % volume* CSA A23.2-4C, ASTM C231	Up to 15% (Will vary due to mix procedures, temperature and humidity levels)
Density [Kg/m ³ (lbs/ft ³)]	
COMPRESSIVE STRENGTH CSA A23.2-3C,9C, ASTM C 1604 100 mm diameter cylinders	
at 14 days at 28 days	2.5 Mpa (359 psi) 2.96 Mpa (430 psi)

* The exact air content will vary, depending on the consistency of the mix, mixing procedures adopted and ambient temperatures. The values given are typical for high shear mixers.

USES

TARGET Fill-Crete is designed for uses such as the following:

- A cementitious material which is used as a fill or backfill in lieu of compacted-soil backfill. This mixture is capable of filling all voids in irregular excavations and hard to reach places (such as under undercuts of existing slabs)
- Void filling where a 12 mm (0.472 inch) aggregate is desirable or where the minimum dimension of the pour exceeds 25 mm (1 inch).
- Applications requiring a Low strength concrete at any consistency between plastic and flowable where the quantities involved or placement conditions make the use of conventional ready-mixed concrete impractical.

PROCEDURES

1. Add clean water to a suitable mixing container. Appropriate mixers include Jiffier or paddle mixers powered by a 1/2 inch drill, or conventional mortar or concrete

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mixers where batch sizes warrant the use of a larger mixer. Rotating drum mixers are suitable only if the batch size is 50% to 75% of the nominal capacity of the mixer, and the mixer fins are in good condition.

2. Add TARGET Fill-Crete to water with continuous mixing to achieve the required consistency.
3. Mix for not less than 2 minutes. If a mixing period of less than 5 minutes is used, remix before placing.
4. Place and consolidate within 45 minutes of mixing, using methods suited to the application and consistency required.
5. Place only at ambient temperatures above 5 °C (40 °F) and below 30 °C (86 °F). Protect from freezing and from temperatures above 35 °C (95 °F) during the first three days after placing.

APPROXIMATE YIELD

CONSISTENCY	FLOWABLE
bags/m ³	80
bags/yd ³	61
ft ³ /bag	0.44

Based on 25 kg (55 lb) bag.

CHARACTERISTICS

COLOUR: Uniform Gray

SHELF LIFE: 1 (one) year from date of manufacture when stored in a dry, protected and heated environment. (Production date and batching number stamped on side of each bag.)

HEALTH AND SAFETY: Please consult Target Products Ltd. Safety Data Sheets for personal exposure risks and safe handling procedures.

PACKAGING

TARGET Fill-Crete Low Strength Concrete is available in 25 kg (55 lb) bag 56 bags/pallet or in 1 yd³, 1679 kg (3700 lb) bulk bags.

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