

FIBRE-CRETE

FIBRE BLENDED CONCRETE



SIZE : 20 kg

APPLICATION

Dampen the substrate before the concrete is placed. Upon placing the concrete at site, work sufficiently to remove air voids if any and compact well with a tamping rod working into all areas. Level off the corners and finish flat with a wooden float for coarse finish or a steel trowel for a smooth finish. Keep the surface damp for the first 7 days.

NOTE:

Fibres in this mix will resist cracking and thus not prevent cracking caused by overloading the slab with weight or due to movement in the substrate. For commercial heavy-duty slabs please follow the engineers design guidelines.

PRODUCT DESCRIPTION

DUNLOP Fibre-crete is a 28 MPa construction-grade concrete, consisting of a uniformly blended and properly proportioned mixture of aggregates, cement, airentaining admixtures and special synthetic reinforcing fibres. This is an excellent product for all types of general DIY concrete applications.

TYPICAL APPLICATION/USES

- General DIY concrete applications
- Concrete projects 40mm thick or more.
- Workshop floors, driveways, floors, patios & sidewalks in residential situations.

ADVANTAGES

- Significantly reduced cracking from drying shrinkage
- Superior workability
- Air entrainment for improved freeze-thaw durability
- Greater impact resistance

MIXING

Empty contents into a wheelbarrow or mechanical mixer or onto a smooth non-porous surface. Add water gradually, mixing thoroughly until a workable mix is achieved. Under ideal conditions a bag of 20kg would require about 2.0 litres of water. Use the mixed concrete immediately, do not allow to the mix to stand.

MATERIALS

DUNLOP Fibre-crete mix consists of a uniformly blended, properly proportioned mixture of stone, gravel, sand, cement, fibres and other admixtures approved for use in concrete to improve workability and performance of the product.

LIMITATIONS

Where substrate movement is a possibility, we recommend the addition of steel to complement the benefits of fibre.

PRECAUTION

HAZARDOUS – PORTLAND AND BLENDED CEMENT

This product may contain Crystalline Silica. Cements may cause respiratory, skin and eye irritation. Wet cement can be irritating and corrosive to eyes and skin; and may cause skin sensitization (Dermatitis). Repeated inhalation may cause bronchitis, silicosis and lung cancer and increase risk of scleroderma.

SAFETY

Avoid contact with eyes & skin, both from wet & dry mix. Do not breathe in dust. Wear suitable protective clothing, gloves, eye protection & barrier cream. Wear a suitable dust mask. Wash thoroughly after handling & store any leftover material properly.

SPILLS & LEAKS

Keep out of sewers & storm water drains & dispose of any leftover material as trade waste in accordance with local authority guidelines.

TOLL FREE HOTLINE

0800 224 070 (NZ)

1800 222 841 (AU)

ARDEX AUSTRALIA

7/20 Powers Road
Seven Hills NSW 2147
Ph: 1300 788 780

ARDEX NEW ZEALAND

32 Lane St Woolston
Christchurch NZ
Ph (03) 373 6900

TECHNICAL DATA

APPEARANCE:	Grey Cementitious
APPLICATION TEMP:	5°C - 30°C
STRENGTH:	17MPa @ 7 days, 28MPa @ 28 days.

The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations may occur on site.

COVERAGE

One 20kg bag will approximately produce a slab equivalent to 0.0096m³.

PACKAGING

DUNLOP Fibre-crete is available in 20kg bags.

STORAGE & SHELF LIFE

Store DUNLOP Fibre-crete in a cool dry area. Use within six (6) months.

CLEANING

Clean all tools with water & brush immediately after use.

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standard, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.



TOLL FREE HOTLINE

0800 224 070 (NZ)

1800 222 841 (AU)

ARDEX AUSTRALIA

7/20 Powers Road
Seven Hills NSW 2147
Ph: 1300 788 780

ARDEX NEW ZEALAND

32 Lane St Woolston
Christchurch NZ
Ph (03) 373 6900