

LARFLOW FC

Larflow FC is a liquid air entraining admixture for use in the production of 'Foamed Concrete' or 'Flowable Fill'. Foamed concrete is a lightweight, low strength, flowing mix for use in backfilling and general void filling operations. Larflow FC allows the production of stable foamed concrete with hardened densities down to 1600 kg/m³. (For densities down to 400 kg/m³, contact our Technical Department regarding our foam generating equipment.)

EASY TO USE
LOW DENSITY CONCRETE
SELF-LEVELLING FLOWABLE FILL
ECONOMICAL VOID FILLING

TECHNICAL INFORMATION

FORM: Brown Liquid

S.G.: 1.04

pH: 7

CHLORIDE CONTENT: < 0.1% w/w

DOSAGE: 5L per 6m³

DIRECTIONS FOR USE:

MIX DESIGN

Approximate figures – always carry out site trials with local materials.

Compressive Strength	Hardened Density	Portland Cement	Sand	Total Water	Larflow FC
1 N/mm ²	1600 kg/m ³	100 kg/m ³	1300 kg/m ³	200 L/m ³	5 L/6m ³
2 - 4 N/mm ²	1700 kg/m ³	150 kg/m ³	1350 kg/m ³	200 L/m ³	5 L/6m ³
4 - 8 N/mm ²	1800 kg/m ³	250 kg/m ³	1350 kg/m ³	200 L/m ³	5 L/6m ³

METHOD

At plant batch as per mix design but only allow 170L total water/m³. On site, add 5L Larflow FC and a further 180L of water per 6m³ load. Mix on high rev. for 10 minutes. Place mix as required.

COMPATIBILITY

Larflow FC can be used with all types of Portland Cements. It is also compatible with other admixtures. When used in conjunction with other admixtures, each must be dispensed separately into the concrete mix. Note: Some pozzalanic materials may reduce air entrainment and trial mixes should be carried out.

STORAGE

Store in closed containers in dry areas and away from extremes of temperature.

SHELF LIFE

6 months in unopened manufacturer's containers.

PACKAGING

Supplied in 5L containers and bulk.