

Flocrete W65

High performance permeability and absorption reduction admixture for watertight concrete



DESCRIPTION

Flocrete W65 is a liquid concrete admixture formulated from selected organic materials specially designed to produce hydrophobic properties and a plasticizing effect when mixed with concrete.

These hydrophobic materials will repel external water and reduce the permeability of concrete.

APPLICATIONS

Flocrete W65 can be used for any concrete structure where water tightness is required, such as:

- » Basement walls and floors.
- » Foundations, piles and pile caps.
- » Water retaining structures such as swimming pools, water tanks and reservoirs.
- » Concrete structures near marine environment.
- » Waste water treatment and desalination plant.

ADVANTAGES

- » More durable concrete, lower in permeability.
- » Provides concrete protection throughout the concrete depth.
- » Chloride and bitumen free.

STANDARDS

Flocrete W65 complies with the requirements of EN 934-2, Table 9.

COMPATIBILITY

Flocrete W65 is suitable to use with all types of Portland cement and cement replacement materials. Flocrete W65 can be used in combination with other DCP admixtures to achieve specific working requirements.

METHOD OF USE

Flocrete W65 should be added to the concrete with the mixing water, in order to achieve optimum performance.

An automatic dispenser should be used to dispense the correct quantity of Flocrete W65 to the concrete mix. Allow for 1 - 2 minutes of mixing time after all admixtures has been added.

TECHNICAL PROPERTIES @ 25°C:

Colour:	Milky liquid
Freezing point:	0°C
Specific gravity:	1.02 ± 0.02
Chloride content:	Chloride-free

DOSAGE

The recommended dosage of Flocrete W65 1.0 – 2.25 litre per 100 kg of cement or cementitious materials in the mix including GGBFS, PFA or micro-silica.

Representative trials should be first conducted to determine the optimum dosage of Flocrete W65 to meet the performance requirements by using the materials and conditions in actual use.

POINTS TO BE CONSIDERED IN WATERPROOF CONCRETE

- i. Lower water to cement ratio gives lower permeability concrete.
- ii. Good concrete placing and compaction are very important to produce waterproof concrete.
- iii. Fresh concrete should be protected against rapid drying and cured properly.
- iv. Cold joints must be avoided.

CLEANING

Clean Flocrete W65 with fresh cold water.

PACKAGING

Flocrete W65 is available in 25 litre pails, 210 litre drums and 1000 litre bulks supply.

STORAGE

Flocrete W65 has a shelf life of 12 months from date of manufacture if stored at temperatures between 2°C and 50°C.

If these conditions are exceeded, contact DCP Technical Department for advice.



Flocrete W65

CAUTIONS

HEALTH AND SAFETY

Flocrete W65 is not classified as a hazardous material. Flocrete W65 should not come into contact with skin and eyes.

In case of contact with eyes, immediately flush with plenty of water and seek medical attention.

For further information, refer to the Material Safety Data Sheet.

FIRE

Flocrete W65 is nonflammable.

MORE FROM DON CONSTRUCTION PRODUCTS

A wide range of construction chemical products are manufactured by DCP which include:

- » Concrete admixtures.
- » Surface treatments
- » Grouts and anchors.
- » Concrete repair.
- » Flooring systems.
- » Protective coatings.
- » Sealants.
- » Waterproofing.
- » Adhesives.
- » Tile adhesives and grouts.
- » Building products.
- » Structural strengthening.

Don Construction Products / Jordan

Ma'adaba, Jordan

info.jordan@dcp-int.com

www.dcp-int.com

Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

www.dcp-int.com

DCP Building Excellence