



Concrete Processing Aid

Adoflow 540 is a liquid dispersion and compaction agents for coloured concrete and block paving. Adoflow 540 helps to uniformly and consistently disperse coloured pigments throughout concrete. It also contains processing aids which will help intensity the colour of any added colours and helps improve compaction by removing any remaining trapped air within the concrete following vibrating and tamping of the concrete. This helps reduce the concrete's overall permeability, which can help improve unwanted effects such as efflorescence.

Adoflow 540 is suitable with all Portland cement based systems and mixes containing PFA and GGBS.

Advantages

- Helps disperse added pigments uniformly and consistently out the concrete
- Helps to improve colour intensity & enhance appearance
- Helps improve compaction of the concrete and helps improve the surface finish
- Helps reduce concrete's porosity which can help with unwanted characteristics such as efflorescence

Application

The optimum addition rate of ADOFLOW 540 is best determined after preliminary trials with the actual concrete under consideration. As a guide for carrying out trials an addition rate of 0.2 litres to 0.8 litres per 100 kilos of Portland cement is recommended. Adoflow 540 is best added during the mixing cycle, preferably at the same time as the water. Alternatively it may be added to a normal concrete mix just prior to the pour but a further mixing cycle of 2-3 minutes must occur to ensure full and adequate dispersion throughout the mix.

Adoflow 540 is suitable with all Portland cement based systems

Storage

Store at temperatures above freezing but not above 28°C in dry condition and under cover. Should freezing occur completely thaw material at room temperature and then mix thoroughly before use.

Shelf Life

If stored in accordance to the above, the shelf life will be 12 months

Specification

ADOFLOW 540 is supplied by Adomast Manufacturing Ltd and shall be applied in accordance with the manufacturer's instructions

Health and Safety

ADOFLOW 540 is non-hazardous in normal use, but normal handling procedures should be observed. We recommend the wearing of suitable gloves, goggles and overalls when handling and using Adoflow 540

If splashes should affect the eyes bathe immediately with copious quantities of clean water and then immediately seek medical advice.

If in contact with skin wash affected area with copious quantities of clean water and seek medical advice if discomfort persists

Consult the safety data sheet for further information.