

Greco T623 (RS)

Set Retarding Superplasticizer Concrete Admixture

Description

Greco T623 (RS) is a set retarding high range water reducing superplasticizer for production of concrete with high workability and improved slump retention based on naphthalene sulphonate polymer.

Greco T623 (RS) is chemical admixture meeting the requirements of ASTM C494 Type B, D and G. It is compatible with all types of cements that conform to international standards and mineral admixtures such as silica fume, fly ash and slag.

Uses

Greco T623 (RS) is recommended for ready-mix concrete industry for production of concrete with extended workability and exceptional flowability for the following applications:-

- Bored piles
- Raft Foundations
- Floor slabs
- Beams & Columns
- Hot weather concreting
- Mass concrete
- Long distance concrete transportation
- High quality pumped concrete
- Heavily reinforced concrete components
- Low water-cement ratio concrete

Advantages of using **Greco T623 (RS)** over conventional concrete without admixture:-

- Reduction in amount of water required in concrete mix to improve final compressive strength
- Improved workability for easy and fast placement of concrete
- Improved surface finishing
- Enabled concrete to be pumped
- Improved durability of concrete
- Reduced cement use

Typical Properties

Appearance	: Brown liquid
Specific gravity	: 1.20 - 1.25kg/ltr
pH value	: 8 - 10
Solid content (%)	: 43 – 46



Quantity to Use

Greco T623 (RS) is recommended to use at an addition rate of 500ml to 1200ml per 100kg cementitious materials.

Trial mixes should be carried out with project or site materials to determine the optimum dosage required. Dispense **Greco T623 (RS)** into concrete mix through a dispenser together with mixing water after the concrete mix is thoroughly wetted.

Greco T623 (RS) must not be added directly to dry concrete mix.

Effects on Overdosing

Overdosing will result in long setting time of concrete. In this case, a proper curing must be carried out to protect the concrete.

Packaging

Greco T623 (RS) is supplied in 250kg drum and 1250kg IBC tank.

Shelf Life

Greco T623 (RS) has a shelf life of 12 months when stored in original packing in a cool and dry environment.

Note:

Use the leaflet as a guide for the use of this product concerned. The information given is in accordance with the latest technical developments. However, we cannot accept responsibility for any work carried out with our materials as we have no control over the method of application used or the condition of the site involved.

Last updated by KH/Mar2017