



FINEST INNOVATION AND EXPERTISE

PLASTOLITH 55R

SET RETARDING ADMIXTURE WITH WATER REDUCING/PLASTICISING CAPABILITY

DESCRIPTION

Plastolith 55R is a powerful retarder and auxiliary plasticiser which disperse and deflocculates cement particles whilst delaying the hydration process, thereby retarding the initial and final set.

Plastolith 55R can be used to improve workability in conjunction with high range water reducing agents.

RECOMMENDED TO USE

- Hot weather concreting to control setting time
- For extended workability retention of high strength, low w/c mixes
- As retarding component of self-compacting concrete.

FEATURES AND BENEFITS

- Improves concrete durability
- Reduction in free water
- Controlled extension of initial set

PROPERTIES

Supply form	Liquid
Colour	Pale Yellowish
Specific gravity	1.14 ± 0.02 @ 25 °C
Water soluble Chloride ion content (w/w)	≤ 0.10%

ESTIMATING DATA

Recommended dosage range:

100 to 500ml per 100kg of binder

A slight overdosing may not adversely effect on the ultimate strength of concrete.

A severe overdosing may result long extension of initial and final set as well as bleeding/segregation of the mix.

APPLICATION

Plastolith 55R is a ready to use liquid which is dispensed into the concrete together with the mixing water.

PACKAGING

Available in 1liter, 5liter, 10liter, 20liter containers, 205liter drums and 1000liter IBCs.

STORAGE / SHELF LIFE

Plastolith 55R has a shelf life of 12 months and must be stored in a place where the temperature is not below 5°C.

Store away from direct sunlight.

PRECAUTIONS

Please obtain the Material Safety Data Sheet (MSDS) of the product from the Finex head office in order to get health and safety information.

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Finex Engineering (Pvt) Ltd,
214/A, Thalawathugoda Road, Pitakotte, Sri Lanka.
Tel: 011 751 3500, Fax: 011 254 6056
e-mail: info@finexengineering.com,
web: www.finexengineering.com

Outlets :

Galleface	- 011 2324585	Negombo	- 031 4929873/4
Kaduwela	- 011 4323633	Jaffna	- 021 4927564
Kurunegala	- 037 4937526	Mattakkuliya	- 011 7024375
Kandy	- 081 4935629	Homagama	- 011 7502571
Nugegoda	- 011 7513533	Matara	- 041 7637600