



The Chemical Company

RHEOFIT™ 1102 (Rheomix 600ES)

Plasticizing admixture for no-slump concrete

DESCRIPTION

Rheofit 1102 is a ready to use admixture formulated for use in no-slump concrete fabrication processes. **Rheofit 1102** admixture imparts a slick characteristic to the dry mix for concrete processes such as plank or tile extrusion and enables a faster production rate as a result. Concrete products containing **Rheofit 1102** admixture show fewer surface irregularities and have a rich, dense surface appearance. **Rheofit 1102** admixture is especially suited for dry cast concrete pipe production. This admixture is accurately delivered through dispensing systems provided and maintained by BASF Construction Chemicals.

RECOMMENDED FOR

- Dry cast concrete pipe
- Extruded concrete planking
- Extruded concrete roof tile
- Other miscellaneous no-slump concrete products

FEATURES AND BENEFITS

Production Benefits

- Improves both early and later age compressive strength
- Enables a faster rate of concrete product fabrication
- Improves cohesion and dimensional stability
- Can reduce amount of patching or hand trowelling
- Resistance to compaction or extrusion is decreased
- Lubricates the mix to reduce abrasion of product forming parts

Improved Appearance

- Dispersing action of **Rheofit 1102** admixture provides improved colour consistency
- Improved moldability reduces surface tears or other imperfections
- Produces denser, closed surfaces

Economic Benefits

- Improved cement dispersion can reduce the amount required for a given strength
- Increased production level reduces overall per-unit cost
- Reduced defects lead to increased profitability

QUANTITY TO USE

Rheofit 1102 admixture is recommended for use at a rate of 200 to 550 ml per 100kg of cementitious material.

DISPENSING

To obtain maximum efficiency, add **Rheofit 1102** admixture after wetting of aggregates and cement with 75% of mixing water. Under no circumstances should this admixture be dispensed on top of dry cement. Allow at least 1½ minutes mixing after addition of **Rheofit 1102**.

PACKAGING

Rheofit 1102 is available in 205 litre drums and bulk.

SHELF LIFE

Shelf life for **Rheomix 1102** is 18 months.

PRECAUTIONS

If **Rheofit 1102** admixture has frozen, thaw at 2°C or above and completely reconstitute by mild mechanical agitation. **Do not use pressurised air for agitation.**

First Aid

Skin: Wash skin thoroughly and remove contaminated clothing.

Eye: Hold eyes open, flood with water for at least 15 minutes.

Ingestion: Do NOT induce vomiting. Give a glass of water after rinsing mouth.

Safety Directions

Wear suitable protective clothing, gloves and goggles when handling.



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All BASF Construction Chemicals Australia & New Zealand data sheets are updated on a regular basis, it is the user's responsibility to obtain the most recent issue ARfit1102/2/0308

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BASF Construction Chemicals Australia Pty Ltd	Newcastle (02) 4961 3819	Adelaide (08) 8139 7500
Incorporated in NSW A.B.N. 46 000 450 288	Canberra (02) 6280 6010	Perth (08) 9366 2600
Head Office: 11 Stanton Road Seven Hills, NSW 2147	Brisbane (07) 3633 9900	Darwin (08) 8984 3269
Ph. (02) 8811 4200	Townsville (07) 4774 7344	Kalgoorlie 0417 772 355
	Melbourne (03) 9549 0300	

BASF Construction Chemicals New Zealand Ltd Head Office: 45 William Pickering Drive, Albany, Auckland Ph: (09) 414 7233

BASF WEB SITES www.basf-cc.com.au www.basf-cc.co.nz www.basf-ugc.com