

EUCOLENT
Retarder for concrete

Description	EUCOLENT is a retarder for concrete to increase the setting time and maintain workability .	
Main Purpose	To retard the setting of concrete to allow concreting under conditions of high ambient temperatures and placing of larger volumes of concrete without joints. For pumped, prestressed and structural concrete .	
Advantages	Prevents cracks in concrete in cases where the form-work deforms, eliminates cold joints. After the initial retardation the rate of hardening proceeds at a rate equivalent to or greater than that of normal concrete .Delivery of concrete can be made over long distances from a ready-mixed concrete plant .	
Standards	Complies with BS 5075 1/1974 ASTM C - 494 type B and D DIN and SIA Standards	
Properties	Appearance	liquid
	Specific	1,06
	Chloride content	nil
	Air entraining	less than 2 %
	Compatibility with cement	all types of Portland cement
	Shelf life	up to 2 years
	Over dosing	increase of the setting time Proportional to the dosage
Dosage	The effect of EUCOLENT depends on a number of factors such as cement type, ambient temperature and mix design . The optimal dosage should be determined by site or laboratory tests with the given circumstances. As a guide to these trials a dosage is recommended between :- 0,1 - 3,0% of the cement weight 0.05 - 1,5 liter per bag of 50 kg cement EUCOLENT should be added to concrete mix during the mixing process at the same time as the mixing water.	
Packing	in drums containing 200 kg .	