

EUCOPLAST 100 VZ
Superplasticiser combined with a retarding effect

Description	EUCOPLAST 100 VZ is a synthetic based superplasticiser combined with a retarding effect .	
Main Purpose	To produce high workability concrete which is virtually self leveling and requires little or no vibration during placing . May also be used to achieve high early strength . Because of the retarding effect, a good workability can be maintained. For pumped, pre stressed and structural concrete .	
Advantages	Increases workability : -Speeds handling, -Filling of form work and placing around congested reinforcement. -Needs little or no vibration to achieve the optimum compaction . -High early strength. -Reduces shrinkage cracking by lowering W/C ratio. -Lowers pumping pressures. -Prevents clogging . -Minimizes bleeding and segregation.	
Standards	Complies with BS 5075 1/1974 ASTM C-494 types A and G DIN and SIA Standards	
Properties	Appearance	liquid
	Specific gravity	1,1
	Chloride content	nil
	Air entraining	does not entrain air
	Compatibility with cement	all types of Portland cement
	Shelf life	up to 2 years
Dosage	The optimum dosage should be determined based on site conditions or laboratory tests with the particular concrete mix, this dose should enables the effects of workability, strength gain and/or cement reduction so it has to be measured accurately . The rate of addition is generally in the range of : 0,8 - 1,5 % of the cement weight 0,4 - 0,75 liter per 50 kg of cement EUCOPLAST 100 VZ is added with the mixing water to the concrete .	
Packing	In drums of 20, 200 kg .	