

EUCOPLAST 100
Superplasticiser and flowing concrete admixture

Description	EUCOPLAST 100 is a synthetic superplasticiser for the production of free flowing concrete and a water reducing agent to promote high early and ultimate strength .	
Main Purpose	EUCOPLAST 100 is used to produce high workability concrete which is virtually self leveling and requires little or no vibration during placing may also be used to promote high early and ultimate strengths by large water reduction whilst maintaining workability . Its plasticising effect is particularly useful where :- <ul style="list-style-type: none">- Maximum performance is required .(concrete elements manufactured in precast factories where rapid demolding and required) .- Placing condition are difficult .- Where poor quality aggregates are found .- Pre-cast elements are produced .- Bridges (high early strengths) .	
Advantages	<ul style="list-style-type: none">- Increases workability ; handing .- Filling of form work and placing around congested reinforcement .- Higher strength .- Little or no vibration to achieve optimum compaction .- Reduces shrinkage cracking by lowering W/C ratio .- Low pumping pressures .- Minimizes clogging .- Minimizes bleeding and segregation .- Early removal of scaffolding .- Does not entrain air .- Chloride - free .	
Standards	- Complies with BS 5075 1/1974 ASTM C-494 type E and F 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
Colour	Brown

Dosage The optimum dosage should be determined based on site conditions on laboratory test with the particular concrete mix, which enables the effects of workability, strength gain and/ cement reduction to be measured accurately .

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The rate of addition is generally in the range of ;
0,8 - 1,5 % of the cement weight .
0,4 - 0,75 kg per 50 kg of cement
EUCOPLAST 100 is added with the mixing water to the concrete

Packing 20 kg , 200 kg drums .