

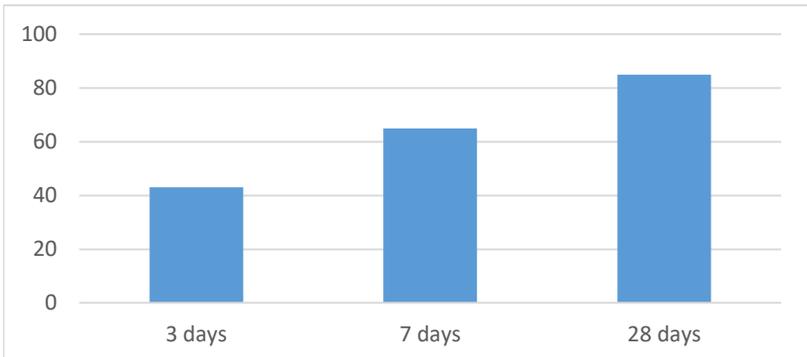
Eco Build

High range water reducing superplasticising admixture for concrete.

Description	<p>Eco Build is the main material for the concrete admixture. It shows the high water reducing effect based on Sulphonated Napthalene Polymers.</p> <p>Eco Build has been specially formulated to give high water reductions up to 25 % without loss of workability or to produce high quality concrete of reduced permeability.</p>												
Uses	<ul style="list-style-type: none">• Site Mixed Concrete• To produce concrete with extreme workability characteristics• Pumped concrete• Precast/ pre stress concrete• To maintain minimum water cement ratio in concrete• To produce high grade concrete M30 and above by high water reduction in the concrete mix design• High performance grout and wet shot Crete mixes												
Advantages	<ul style="list-style-type: none">• High early strength accelerated construction• Controlled set times• Lower concrete viscosity• Improved cohesion and particle dispersion minimizes segregation & bleeding and improved pump ability• Improved density and surface finish• Feasible to use to make good fare face concrete• Chloride free dose not attack reinforcement and pre stressed cable.												
Technical Data	<table border="1"><tr><td>Color</td><td>Dark Brown liquid</td></tr><tr><td>Specific Gravity</td><td>1.21+0.02 at 25 C</td></tr><tr><td>Chloride Content</td><td>Below 0.001%</td></tr><tr><td>PH</td><td>4.5 + 1.0</td></tr><tr><td>Viscosity</td><td>450+200 cPs</td></tr><tr><td>Salt Scaling Resistance</td><td>Excellent</td></tr></table>	Color	Dark Brown liquid	Specific Gravity	1.21+0.02 at 25 C	Chloride Content	Below 0.001%	PH	4.5 + 1.0	Viscosity	450+200 cPs	Salt Scaling Resistance	Excellent
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Standard Compliance	<p>Eco Build complies with IS 9103:1999 & EN 934-2:T3.1/3.2.</p> <p>Eco Build conforms to ASTM C-494,Type `A`, and Type `F`.</p>												

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Dosage	The optimum dosage is best determined by site trials with the concrete mix which enables the effects of workability, strength gain or cement reduction to be measured. Site trails with Eco Build should always be compared with mix containing no admixture. As a guide, the rate of addition is generally in the range of 400 ml to 1200 ml per 100 kg cement. For good quality workable concrete the ideal dose of Eco Build lays from 0.7% to 1.2% by weight of cement used in the mix design.								
Packaging	Eco Build is packaged depending on customer`s demand <ul style="list-style-type: none">• 250 kg PE Drum								
Caution	Do not allow product to freeze or be stored in temperature below freezing <ul style="list-style-type: none">• Non-flammable & Non-toxic.• When contact with skin or clothing, wash with water								
Application	<ul style="list-style-type: none">• LNG reservoir, Transit railroad, Highway, Subway, Tunnel, Bridge• Self-compacting concrete• High-rise buildings with high durability• Off-shore & marine structure• Pre-cast & Pre-stressed elements• Improve density and surface finish.• Reduced shrinkage and creep								
Shelf life & Storage	Eco Build has a minimum shelf life of 12 months from the date of manufacture when stored under								
Experimental Result	<p style="text-align: center;">Compressive Strength (Mpa)</p>  <table border="1"><thead><tr><th>Days</th><th>Compressive Strength (Mpa)</th></tr></thead><tbody><tr><td>3 days</td><td>42</td></tr><tr><td>7 days</td><td>65</td></tr><tr><td>28 days</td><td>85</td></tr></tbody></table>	Days	Compressive Strength (Mpa)	3 days	42	7 days	65	28 days	85
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