

# Ozone SP-540

High performance. slump retention & accelerated hardening concrete admixture

<b>Description</b>	Ozone SP-540 is highly effective water reducing admixture and super-plasticiser to produce high quality, free flowing concrete. The dual action of Ozone SP-540 provides excellent slump retention and promotes accelerated hardening with high early and ultimate strengths. Suitable for use in cold and hot climatic conditions.
<b>Primary Application</b>	<ul style="list-style-type: none"><li>▪ Cold weather concreting</li><li>▪ Hot weather concreting</li><li>▪ Structural concrete</li><li>▪ Concrete block</li><li>▪ Concrete pipe and many pre-cast items</li><li>▪ Bridges</li><li>▪ High strength concrete</li><li>▪ Self compacting concrete (SCC), super workable flowing concrete and high workability concrete.</li><li>▪ Extremely fluid, flowing concretes can be produced at very low water to cement ratios providing ease of mould filling and less workmanship where access or dense reinforcement can be a challenge.</li></ul>
<b>Advantage</b>	<ul style="list-style-type: none"><li>▪ Substantial improvement in workability with out increased water</li><li>▪ Long-lasting control of slump loss</li><li>▪ Provides high early strength for fast form stripping</li><li>▪ Specially suitable for hot &amp; cold climates</li><li>▪ Densifies concrete</li><li>▪ Minimizes bleeding and segregation</li></ul>
<b>Specifications</b>	Complies with ASTM C-494, Type F & G.
<b>Packaging</b>	210 Ltr. drums, 1000 Ltr. totes and bulk.
<b>Storage</b>	Store in a dry and cool place below 35°C. Protect from direct sunlight.
<b>Shelf life</b>	12 months if stored properly in original unopened packaging.
<b>Properties</b>	Appearance: Brown liquid Specific gravity: 1.18 at 20°C Chloride content: Nil to BS 5075 Air entrainment: Less than 2% at normal dosage.
<b>Instruction for use</b>	<p><b>Dosage:</b> 0.8-2.5 Ltr/100kg of cement. It is advisable to carry out trial mixes to establish the exact dosage rate required.</p> <p><b>Dispensing:</b> Ozone SP-540 should be added to gauging water prior to its addition to the dry mix concrete or separately to the freshly mixed concrete. When added separately to the freshly mixed concrete further mixing time of 2-3 minutes should be given.</p> <p><b>Placing:</b> The standard rules of good concreting practice for production and placing must be observed when using Ozone SP-540 concrete.</p> <p><b>Curing:</b> Fresh concrete must be cured properly. Use Ozone CureCrete or wet hessian.</p> <p><b>Compatibility:</b> Ozone SP-540 is compatible with all types of cement.</p> <p><b>Effect of over dosing:</b> When accidental overdosing occurs, the retardation of initial set air content and workability increases. During this period the concrete must be kept moist in order to prevent premature drying out.</p>
<b>Technical Support</b>	Ozone offers technical support, services to consultant, end users and contractors. We also provide technical assistance on site.
<b>Cleaning &amp; Disposal</b>	All tools and equipment should be washed with water immediately after use. Do not dispose of into water or soil but according to local regulations.
<b>Precautions/Limitations</b>	Do not allow freezing. Shake well before use.
<b>Health &amp; safety</b>	In case of contact with the skin, wash immediately with soap and water, In case of contact with the eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately, do not induce vomiting. Skin barrier cream, safety goggles and rubber gloves are recommended. <b>WARRANTY:</b> Ozone products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale. Ozone makes no warranties, implied or otherwise, as to the merchantability or fitness for ordinary or particular purposes of its products and excludes the same. If any Ozone product fails to conform with this warranty, Ozone will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made period from the date of the claimed breach. Ozone does not authorize anyone on its behalf to make any written or oral statements which in any way alter Ozone's installation information or instructions in its product literature or on its packaging labels. The user of the Ozone products must test the products for suitability for the intended application and purpose before proceeding with the full application of the products.