

Ozone AF-1000

Cold weather concrete admixture

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| Description | It is a safe and chloride free admixture in liquid form for producing high quality concrete while accelerating setting time at moderately low temperatures |
| Primary Application | Ozone AF-1000 provides progressing of concreting in cases where it may be necessary to suspend due to risky cold or freezing following conditions: Slight daytime frost Expected overnight frost Expected cold periods |
| Advantage | Increased frost resistance Improved strengths It provides quickly achieving limit compressive strength (4-5 N/mm ²), that is necessary against freezing conditions and shortens this period Ozone AF-1000 does not contain chlorides or other ingredients promoting corrosion of steel reinforcement. It is therefore suitable for reinforced concrete. |
| Specifications | Complies with ASTM C-494-81, Type C |
| Packaging | 210 Ltr. drums, 1000 Ltr. totes and bulk. |
| Storage | Store in a dry and cool place below 35°C. Protect from direct sunlight. |
| Shelf life | 12 months if stored properly in original unopened packaging. |
| Properties | Appearance: Transparent liquid Specific gravity: 1.16-1.20 at 20°C Chloride content: Nil to BS 5075 PH: 5-9 Freeze Point: <-15°C |
| Instruction for use | Dosage: 1 Ltr/100kg of cement. It is advisable to carry out trial mixes to establish the exact dosage rate required. Dispensing: Ozone AF-1000 is added to the gauging water at the plant or added on site into the concrete mixer. When added separately to the freshly mixed concrete, further mixing should take place for at least 3 minutes. Before being discharged, the concrete must be visually inspected for even consistency. Placing: The standard rules of good concreting practice for production and placing must be observed when using Ozone AF-1000 concrete. Curing: Fresh concrete must be cured properly. Use Ozone CureCrete or wet hessian. Compatibility: Ozone AF-1000 is compatible with all types of cement. |
| Technical Support | Ozone offers technical support, services to consultant, end users and contractors. We also provide technical assistance on site. |
| Cleaning & Disposal | 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. |
| Precautions/Limitations | Do not allow freezing. Shake well before use. |
| Health & safety | 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. |

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