



DUPLAST AIREX

AIR ENTRAINING ADMIXTURES / WATER REDUCER

Duplast AIREX is designed to produce air entrainment in concrete mixes. It is used whenever compacted, durable concrete with resistance to frost action and effects of de-icing salt is required. It improves workability & reduces tendency of bleeding. It also reduces density of light weight blocks, without impairing strength. It gives increased durability to dense concrete blocks & because of entrained air; a reduction in material cost is achieved.

■ Uses

- Mass concreting works of dams, marine environment and concrete subjected to ground water salt.
- Duplast AIREX is used to produce workable and durable concrete for roads, runways, taxiways, power stations and underground water tanks.

■ Advantage and Benefits

- Controllable rate of addition
- Air entrainment without loss in strength
- Improves cohesion and workability
- Enables water reduction
- Gives good freeze-thaw resistance
- Chloride free
- Reduces permeability
- Reduces segregation and bleeding

■ Typical Properties

IS 9103
BS 5075 Part 2

■ Method of Use

Duplast AIREX should be added preferably through a calibrated dispensing unit and added to the mix with the gauging water to ensure correct mixing.

■ Dosage

The dosage rate of 100ml – 250ml of Duplast AIREX per 50kg of cement bag will normally produce an entrainment of 4%-5%. The dosage rate of Duplast AIREX will vary depending upon the particular materials and mix design being used.



■ Technical Information :

Form	Brown Liquid
Chlorine Content	Nil
pH	7.5
Specific Gravity	1.23 ± 0.02 at 25°C

■ Storage Life

Duplast AIREX has shelf life of one year in manufactures unopened containers protect from frost & direct sunlight.

■ Safety precautions

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until product is fully cured or dried).

- Do not reuse containers for storage of consumable item.
- **Duplast AIREX** is a non-toxic and inflammable. When in contact with the skin, it should be washed with cold water.
- If accidentally ingested, seek immediate medical attention.
- Treat splashes to eyes and skin immediately.
- Keep away from children and animals.
- Reseal containers after use.

■ Packaging

50kg, 100kg and 250kg in plastic barrel



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