



AIRGEN RBL

إيرجين أربي إل

An Admixture for Concrete and Cement mixtures in a liquid form for the production of lightweight and thermal insulation concrete

Added Value:

AirGen RBL is a liquid product economic, easy to mix with water, concrete and cement mixtures so it is easy to add to batch-plants and truck mixers.

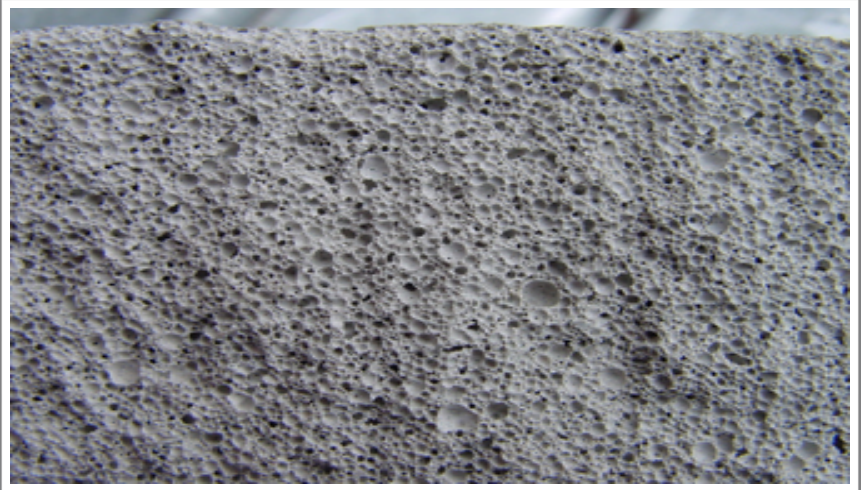
When **AirGen RBL** is added it helps to insert sufficient amount of air to concrete or mortar depending on the addition rate of the material.

Economic and easy to apply

- The material is added to concrete and cement mixtures after generating air by special air pump or foam concrete stirring machine.
- Supplied in 5, 20, 125 Kg. plastic packs and 1000 kg tanks.
- 1 kg of **AirGen RBL** is added to the standard mixture (after generating air by air pump) reduces the cementitious mortar density from 2200 kg/m³ to (1650 – 1700 kg/m³)

Specifications

- **AirGen RBL** is a transparent reddish liquid.
- Density = 1.05 kg / litre.
- Dosage: 1-3 kg/m³ according to the required density.
- Doesn't contain any harmful or poisonous material.
- Product validity is 2 years of production year.



AirGen RBL Features:

Lightweight and thermal insulation concrete represents an important section in any project as it provides a light load on the concrete structure and thermal insulation in many cases.

-  **AirGen RBL** provides a different solution to these enquiries as it works with high-efficiency in the concrete batch plant as well as truck mixers.
-  **AirGen RBL** provides an air generation system with small granules by electrical mixing or using a foam concrete pump.
-  **AirGen RBL** provides homogeneous equal size air granules making it the suitable material to produce lightweight concrete, thermal insulation mortar and concrete.
-  **AirGen RBL** complies with all requirements of ASTM C869-91



Applications

- To produce lightweight concrete to reduce loads on concrete structures.
- For the production of thermal insulation concrete above concrete roofs.
- For the production of lightweight and thermal insulation bricks and blocks.
- For the production of lightweight decorative concrete units.
- Could be used with small dosage to produce frost resistance concrete.
- **AirGen RBL** doesn't contain any poisonous or harmful materials to the environment.

Components:

- Each pack of **AirGen RBL** contains the latest technology of generating foaming air in concrete and cementitious mixtures in general.
- Each pack also contains a substance that stabilizes the added air to concrete in high alkaline medium of concrete and in some cases increases it by interaction with cement.



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