

Kemair Mix

Air Entraining Agent For Concrete

Description	Kemair Mix is an aqueous solution of modified resins used for proper air control under a wide range of temperatures. Kemair Mix is specifically formulated for use as an air entraining admixture for concrete of all types and is manufactured under rigid control which assures uniform and precise performance. It is compatible with concrete mixes containing other commonly used PROKEM Chemical Admixtures. It should be added to the mix independently and not with other admixtures
Where to use	• Ready mixed concrete • Structural concrete • Mass concrete construction • Paving concrete • Exterior concrete work exposed to freeze/thaw conditions • Perlite light weight concrete mix
Advantages	• Provides a stable air void system with proper bubble size and spacing • The air void system protects concrete against damage caused by repeated freeze/thaw cycles • Produced Concrete is more resistant to de-icing salts and sulfate attack • Less mixing water can be used per yard (meter) of concrete and place ability is improved • Minimizes bleeding and segregation
Properties	
It is complies with ASTM C-260	
Base	Modified surfactant
Specific gravity	1.01 – 1.04 g/cm ³
PH value	10 - 11
Chloride content	Non
Mixing	• Kemair Mix is typically dosed at a rate of 0.03 - 0.15 % by weight of cement of total cementitious material to entrain 3% - 6% air content • The amount of Kemair Mix will vary depending on type of cement, fineness of sand, temperature, design of the mix, other admixtures, etc. • Concrete mixes must be tested regularly to confirm that proper air content is achieved • Kemair Mix should be added directly to the water prior to addition to the dry concrete mix to achieve maximum performance
Limitation	• If material has frozen, warm material to 70°F (21°C) and agitate for 6 to 8 hours • Add to mix independent of other admixtures
Theoretical coverage	0.03 - 0.15 % by weight of cement
Packaging	20 Kg pails 200 Kg drums 1000 Kg tanks
Shelf life & Storage	Kemair Mix has a shelf life of 12 months if kept in their original packaging in a dry condition

Health and Safety

- Use gloves to avoid contact with skin
- If skin comes in contact, wash immediately with soap and water
- Do not use solvents
- Eye contamination must be immediately washed with water, then seek medical treatment
- Working areas should be well ventilated

Additional Information

PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure

PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range, for our customer's satisfaction

PROKEM reserves the right to change the properties of its products

All orders are accepted subject to our current term of sale & delivery

Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request

PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products