## Innovation and efficiency, together

At MYK Arment<sup>®</sup>, we set standards of excellence and trust in the global construction chemical industry. The cornerstone of our business is formulated around the belief that the industry expects much more than just the product/service. Hence, our products and services are engineered to:









Improved material performance

Greater reliability and durability

Cost efficiency on time and effort

Environmental sustainability

We constantly strive to raise the bar on the above parameters through innovation on our offerings by working closely with our customers to identify what they need most-whether it's innovative product development, greater efficiency or application expertise. Together with the customer, we make sure that every interaction is a step in our journey towards excellence.

Our service is backed by our strong relationships with architects, contractors, specifiers, building material suppliers and concrete producers who offer high quality products and industry leading technical support.

Our products offer a unique blend of German technology and expertise to serve Indian and global markets. MYK Arment's range of high-performance construction chemical products include:

**ReArm** 



AquaArm





**ArmGrout** 









SealArm



**ArmAid** 





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# Concrete Admixture



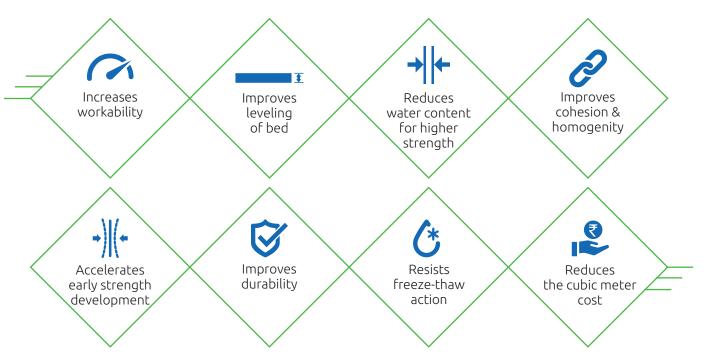
**Essentials** for Concrete



### What is admixture?

Admixtures are chemicals besides cement and pozzolana, added to concrete at the mixing stage to enhance the properties of the mix, such as workability, strength, etc. This helps engineers to meet newer and tougher challenges every day in terms of structural designs.

## **Advantages**



## Type of Admixture:

#### Based on their primary effect, admixtures are categorized as

• Water Reducers or Plasticizers • Retarders • Accelerators • High Range Water Reducers or Super Plasticizers • Air Entertainers

Besides these, to meet various requirements, combinations of the above-mentioned properties are regularly provided to concrete manufacturers, such as:

• High range water reducing and retarding admixture • Water reducing and accelerating admixture

New construction methods for skyscrapers, mega structures, have further challenged engineers. To meet such unique targets and special requirements, a few products come in handy.

#### Value-added Products

Apart from Admixtures there are other products which add value in concrete, based on specific site requirements which are termed as value-added products and they are:

- Viscosity Modifying Admixture Corrosion Inhibitors Integral Waterproofing Admixtures
- Mould Release Agent Curing Compound Colour for Concrete Microsilica Steel Fibers
- PPE Fibers Precast Solutions

## MYK ArmentRange of Products



#### Armix ElleCrete

Ellecrete range of products are specially designed to meet long workability, retention generally for lower grade of concrete where concrete trucks have to travel long distance to deliver. Concrete grades up to M 40 can be treated for long haul requirements using these range of products.



#### Armix EmmeCrete

EmmeCrete range of products are widely used in various concrete applications to produce consistent mix throughout. Its unique combination of selected polymer helps concrete producers to work on their cost economics better.



#### Armix HyyeCrete

A special range of products help concrete producers to develop and supply high strength, durable, and precast concrete for specific applications. Its capability of very high water reduction helps to limit cement content while achieving higher strength.

