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Your supply chain specialist.

**Exclusive Distributor of
Adomast Products in the
Middle East, Israel and India**





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THE
**ADOMAST
PRODUCT
GUIDE**



Locus Middle East is the exclusive distributor of **Adomast** products in the Middle East, Israel & India.

Locus Middle East is a supply chain management company with main headquarters in Dubai, United Arab Emirates and a branch in the United Kingdom.

Adomast Manufacturing Ltd, have been creating specialist products for the construction industry for a number of years and have built a solid reputation for supplying high quality products at supremely competitive prices.

Adomast offers a comprehensive range of products and is constantly updating with the latest technology and scientific knowledge focusing on an increasingly environmentally conscious industry without compromising performance or quality.





Whenever you see the following symbols the product is:



Environmentally Friendly



Water Regulations Advisory Scheme Approved



Safe Non-Hazardous



CE Approved



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Admixtures

Adomast supplies compounds for combining into the concrete formulation at the mixing stage, which accelerate the initial setting time and strength, or help improve the mixing and application of concrete for difficult or awkward pours.

We produce water reducing compounds that help enable the casting and speed the setting of concrete at low temperatures, or provide safer and delay free casting over the winter months.

Adomast offers additives to incorporate microscopic air bubbles in a controlled manner into the concrete, significantly improving the resistance of the concrete to surface cracking due to ice and frost. We also offer products that can improve the water resistance of concrete, allowing it to withstand extremely high water pressure.

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Adoflow ACF

Chloride free concrete accelerator & low temperature plasticiser

A specially formulated non-chloride, non-corrosive liquid hardening accelerator designed as a concrete accelerator and plasticiser. It accelerates the setting time of concrete by speeding the cement hydration process and increasing the early-age strength of the concrete. Adoflow ACF can also be used to provide safer winter concreting without delays.

- **Sizes:** 5L, 20L, 25L, 205L, IBC
- **Coverage:** 1L per 100kg of Portland cement



Adoflow Extra

Super plasticiser for concrete & mortar

A liquid plasticiser and water reducing agent that imparts extremely high workability when added to a concrete mix. Being a highly effective deflocculating agent it disperses cement paste into its primary particles, significantly increasing the flow characteristics of the paste. This permits significant reduction in water content of normal workability concrete producing higher early and ultimate strengths.

- **Sizes:** 5L, 20L, 25L, 205L, IBC
- **Coverage:** 1L per 100kg of Portland cement



Adoflow Extra PCE

Latest generation in super plasticisers

Amber coloured, low viscosity, high range water reducer. Can achieve over 20% water reduction – high deflocculating effect allows the dispersed state to be maintained for longer periods. Adoflow Extra PCE has excellent compatibility with all types of concrete, mortars, self-levelling systems and grouts.

- **Sizes:** 5L, 20L, 25L, 205L, IBC
- **CE:** marked to EN 934-2
- **Dosage rate:** 0.5–0.9% of solution per 100kgs cement



Adoflow Extra PCA

Blended superplasticiser and accelerator for concrete and mortar

Amber coloured, low viscosity superplasticiser and accelerator which imparts extremely high workability. Reduced water content and rapid early setting characteristics gives high early compressive strengths and faster access to castings. Safer for winter use – avoids freeze/thaw cracking problems. Excellent compatibility with all types of concrete, mortars, self-levelling systems and grouts.

- **Sizes:** 5L, 20L, 25L, 205L, IBC
- **CE:** marked to EN 934-2
- **Dosage rate:** 0.5–0.9% of solution per 100kgs cement





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Adoflow S

Standard set plasticiser

Helps up to 25% reduction in added water content for a given slump with the resultant reduction in water / cement ratio providing increased strengths. Alternatively, it can be used to increase slump by 150% without any increase in water content. It will aid workability without an increase in water / cement ratio. Adoflow S imparts easier and speedier placing and compaction of the concrete with reduced shrinkage and minimal cracking.

- **Sizes:** 5L, 20L, 25L, 205L, IBC
- **Coverage:** 0.2L per 100kg of Portland cement



Adoprufe

Integral concrete & mortar waterproofer

Adoprufe is a concentrated liquid solution of waterproofing chemicals. When added to a concrete mix it firstly reacts physically to improve wetting properties and ensure uniform dispersion & full hydration of all cement particles. Secondly it reacts chemically to deposit throughout the mix in all pores and capillaries an insoluble water repellent metallic stearate. The resulting concrete is not only more dense and stronger, but it is also waterproof to withstand extremely high water pressures.

- **Sizes:** 5L, 20L, 25L, 205L, IBC
- **Coverage:** See online data sheet for details



Adoprufe HP

Concentrated concrete & mortar waterproofer

Adoprufe HP is low viscosity, insoluble water repellent metal stearate, which is deposited throughout the concrete or mortar via the pores & capillaries, boosting internal water resistance. Assists the placing & compacting of the concrete & helps reduce the water / cement ratio resulting in a reduction of pores & capillaries, producing a denser and higher strength concrete. Will not corrode steel reinforcement that it may come in contact with.

- **Sizes:** 5L, 20L, 25L, 205L, IBC
- **CE:** marked to EN 934-2
- **Dosage rate:** 0.8-1.0% of solution per 100kgs cement



Adoplas

Mortar plasticiser

Adoplas mortar plasticiser is an invaluable aid to bricklaying and rendering. When added to a cement mortar mix it produces microscopic disconnected air bubbles uniformly throughout the mix that impart many benefits. The mix becomes fattier and more cohesive, spreading more easily and hang together better. Adoplas retains water to improve bedding in and adhesion. Its frost resistance is greatly increased and requires less mixing water.

- **Sizes:** 5L, 20L, 25L, 205L, IBC
- Resistance to rain penetration is increased
- **Coverage:** 100-250ml per 50kg cement



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Adoair

Concrete air entraining agent

Adoair is a chemical formulation designed to impart the deliberate and controlled entrainment of air in concrete in the form of disconnected, uniformly dispersed microscopic air bubbles. It helps increase the workability with lower water / cement ratio. Offers increased resistance to passage of water through hardened concrete and produces frost resistant concrete.

- **Sizes:** 5L, 20L, 25L, 205L, IBC
- **Coverage:** See online data sheet for details



Adoflow Winteraid

Low temperature plasticiser

It is a chloride-free accelerating admixture with plasticising properties. Ideal for use when low temperatures require an accelerated set and strength gain of the mortar or concrete. Adoflow Winteraid in a mortar or concrete mix will accelerate initial and final set. It will provide higher early strengths, increase rate of strength gain, permit earlier release of formwork, provide safer winter concreting without delays, improve workability and enable reduction in water content.

- **Sizes:** 5L, 20L, 25L, 205L, IBC
- **Coverage:** 1250 ml to 50kg of Portland cement



Adogrout

Powder based expanding medium which counteracts settlement & shrinkage in cement based grout

A powder based plasticising agent and expanding medium. It is combined into a cement based grout prior to adding the hydrating water. The expanding technology generates gas during the hydration process to counter-act normal settlement & shrinkage and leaving a slight residual overall expansion.

- **Sizes:** 250g
- **Coverage:** 250g pack will mix with 50kg cement





Whatever your requirements are, Locus Middle East and Adomast are happy to talk you through any of our products, anytime.

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Alisdair McQueen



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