

ADCOBOND 239

Styrene / Acrylic polymer emulsion

ADCO
Construction-
and Mining
Chemicals

adcon
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adcon cc
established 1994

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DESCRIPTION

ADCObond 239 is a liquid admixture, milky-white in appearance, formulated as a styrene / acrylic co-polymer emulsion. This product renders high performance adhesion properties as component in Portland cement systems such as primer, bonding slurries, screeds, underlayments, overlayments, decorative finishes, etc.

In addition, using ADCObond 239, enhanced resilience as well as flexibility properties are achieved, leading to improved impact resistance.

APPLICATIONS

ADCObond 239 is the base component for further derivatives in the ADCO range of construction chemicals, including :

- ADCObond 239
- ADCObond 239C
- ADCO Prebond 239
- ADCO Prebond 239C

USES

ADCObond 239 finds a wide range of applications in the construction -, concrete repairs -, waterproofing- and decorative cement finishes industries. The main uses are summarized as follows :

- Primer / key-coat liquid onto masonry or concrete surfaces receiving further bonded layer works.
- Surface improvement primer onto friable masonry or concrete surfaces to improve surface integrity allowing further applications of coatings, plasters, screeds, etc.
- Constituent to bonding slurry systems for screeds onto concrete surfaces beds.
- Key-coat to surfaces receiving high bond-strength skimming layers.
- Additive to leveling screeds, mortars and plasters requiring improvement of fresh state cohesiveness, performance properties and adhesion characteristics.
- Additive to concrete repair systems, specifically where feather-edging is required or thin section repairs are done.
- Plasters, screeds, etc requiring additional flexibility and waterproofing characteristics.
- Additive to cementitious waterproofing slurries.
- Additive to cementitious tile adhesives and grouts for tiling in exposed / aggressive environments and where improved bond is required.
- Constituent to cementitious-based materials requiring improved resistance to deterioration by freeze-thaw cycles.

ADCObond 239 products are successfully used in combination with a wide selection of products from the ADCO construction chemicals range, for detailed technical advice and method statements, please contact our Technical Division.

GUIDELINES TO APPLICATION

A detailed method statement for all possible application of Adcobond 239 falls outside the scope of this Technical Data Sheet.

The following information however will assist during installations incorporating the product :

- Mixes incorporating ADCObond 239 generally are darker in colour. This has to be taken into account where aesthetics of repairs in relation to adjacent surfaces are important.
- ADCObond 239 can be used in members that are later exposed to potable water. We recommend a minimum 14-day curing period followed by thorough wash using clean water before permanent contact between the structure and potable water contents.
- Overdosing of ADCObond 239 results in a marked increase in workability as well as retarded setting characteristics.
- As a rule, substrates to receive ADCObond 239 or systems incorporating same, should be sound and prepared to be free of dust, contamination and friable material prior to be dampened well with clean water. Porous substrates may require saturation for 12 – 24 hours prior to application.
- ADCObond 239 is suitable in both interior and exterior applications exposed to the elements and UV.
- Best mixing results are achieved where the required ADCObond 239 dilution is prepared and added as constituent in the mixing liquid to the dry powder and aggregates.
- Equipment in contact with ADCObond 239 is washed with clean water immediately after use.

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PACKAGING / STORAGE

ADCObond 239 is supplied in 1 litre, 5 litre, 25 litre, 200 litre and 1000 litre containers and can be stored under controlled and covered conditions for 6 months from date of manufacture.

SAFETY

ADCObond 239 is non-flammable and not classified as dangerous. Contact with the skin and eyes should be avoided by wearing gloves and protective clothing. ADCObond 239 is free from ammonium ions, in line with continued development towards environmentally friendly products.

Remember : Keep away from children, handle responsibly and consider the environment.

UPDATE

May 2017.

This supercedes all previous documentation.

