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fosbind

Fosbind is a full range of **phosphoric acid and aluminium phosphate bonding agents** specially designed for **high-temperature refractory applications**, such as high-quality bricks, ramming masses, moulding pastes and other plastics.

Characteristics

In addition to their excellent bonding qualities, our Fosbind products :

- retard premature hardening at setting time;
- reduce aggregate migration;
- increase the shelf life of mixes;
- ensure regular hardening within the entire product.

The fosbind range

Standard products :

- Fosbind
- Fosbind 50
- Fosbind 151
- Fosbind 570
- Fosbind 750

Additivated and stabilised aluminium phosphate

Stabilised aluminium phosphate

Inhibited aluminium phosphate

Inhibited phosphoric acid

Inhibited purified phosphoric acid



Applications

Our products have many uses. Refractory applications include aluminium kiln domes, dryers, incinerators, burners, channels, ingot moulds, skids and blast furnaces. The main aggregates used are non-basic, and are typically 60 to 90% alumina, chromite, spinel, bauxite, chamotte, andaluzite, zircon quartz and fire clay. Many options and mixes are possible.

Fosbind products are available in a wide range of concentrations, with or without inhibitors and/or retarding agents. They can be inhibited against metal impurities on request. We can supply custom formulations to meet the specific needs of individual customers, and we can develop specific types of binders.

Technical sheets and safety data sheets are available upon request.

All our products are available in bulk, IBC containers, and 350 kg or 40 kg drums.

Who we are

Almin is an international company that has been producing high-quality refractory binders since 1975. 99% of our output is exported (across Europe as well as to Turkey, Tunisia, Korea and beyond).

A world leader in phosphate chemistry, Prayon has been operating in Belgium for over 100 years. Our Group has a global presence, with 4 production sites, 30 manufacturing units and more than 100 representative offices worldwide.

Almin and Prayon signed an exclusive long-term partnership agreement in 2008.

Almin contribution:

- Product range
- Know-how / Technical support
- Facilities
- Customer portfolio

Prayon contribution:

- Access to raw materials
- R&D
- Sales network
- Other: REACH, logistics, etc.

