

## Activator for blast furnace slag in backfilling

### Uses

**Conbex Backfill is a blend of powders that provides the necessary chemical conditions for activation of the cementitious properties of slag. It ensures that the slag acts as an effective cementing additive.**

### Description

Conbex Backfill is a blend of inorganic powders that are non-toxic.

### Properties

#### Rate of strength gain

Typical rate of gain of compressive strength for an unclassified quartzitic backfill slurry having wet density of 1.75.

Age (days)	Compressive strength (MPa)
1	0.1
7	0.4
28	1.2
56	1.5

The following properties of the tailings slurry will all affect the rate of strength gain:

Wet density (solids content).  
pH.  
Particle size distribution.  
Dissolved chemicals.  
Temperature.

### Application Instructions

#### Addition rate

An addition rate of between 0.5% and 1.0% should be sufficient for activation of a typical slag addition of 5.0%.

#### Cleaning

All tools and equipment must be washed with water immediately after use.

### Estimating

#### Pack size

Conbex Backfill : bulk

#### Storage/Shelf life

Conbex Backfill has a shelf life of 12 months if stored in cool, dry conditions in unopened bags.

### Precautions

#### Health and Safety

Conbex Backfill is alkaline. The use of gloves and goggles is recommended. Splashes must be removed from the skin and eyes by washing with plenty of clean water. In the case of splashes in the eyes, medical attention should be sought immediately. Refer to Product Safety Data Sheet.

### Technical Support

Minova RSA provides a technical advisory service by a team of specialists in the field. The service includes on site assistance and advice on evaluation trials and laboratory work.

### Additional information

Minova RSA is a market leader specialising in the supply of high performance chemical products for the mining and tunnelling industries.

Minova RSA range of mining products includes anchoring and backfill systems, bagged cement products, high yield grouts, mine sealants, equipment and accessories.

### Important note

Minova RSA products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Minova RSA endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

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