

## Water absorbent synthetic polymer

### Uses

The super absorbent properties of Fosgel can be used to absorb free water in working environments where muddy underfoot conditions need to be controlled, such as roadways or developments.

### Advantages

- Easily applied by hand directly into the water or mud.
- Due to the rapid absorption of the water, mud and water can be removed manually instead of pumping.

### Description

Fosgel is a super absorbent synthetic polymer which when added to water rapidly forms a highly viscous gel.

**Fosgel is available in pack of 10kgs.**

### Properties

Appearance	:	White powder
Bulk density	:	0.64
pH	:	6.1

### Absorption characteristics

1Kg of Fosgel will absorb up to 250kg of water when mixed thoroughly. Suspended solids, such as muddy or dirty water or dissolved material, will affect the rate, and the volume of water absorbed.

### Application instructions

Prior to use of Fosgel an estimate of the liquid volume to be absorbed should be made and the addition of Fosgel made accordingly. Fosgel should be dispersed evenly over the liquid surface and then agitated by a suitable means, i.e. shovel or wooden stick to ensure an even dispersion of the Fosgel. Thirty minutes should then be allowed for the full absorption capacity of Fosgel to be reached. Once absorption has occurred, the thickened water can be removed mechanically with a front end loader or by shovel.

### Storage/Shelf life

Fosgel has a shelf life of 12 months when stored in cool, dry conditions. Store away from direct sunlight to prevent degradation of the packaging material.

### Storage conditions

Store Fosgel unopened in original bags in dry conditions. Storage outside these guide lines may impair shelf life.

### Precautions

### Health and Safety

Avoid prolonged skin contact by using gloves and goggles. Wash hands after using product. Observe recognised industrial hygiene precautions, refer to Material Safety Data Sheet.

### Technical Support

Minova RSA provides a technical advisory service supported 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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