

## Spray Applied Fast Setting Cement Sealant

Rapspray is available in grey or white and is suitable for the following applications:-

- Protective coating for friable rock including coal.
- Air sealing of concrete block and other walls.
- Timber pack protection.
- Cosmetic coating - White.

### Description

Rapspray is a single part cement based product supplied ready to use, requiring only the addition of water to produce a sprayable grout.

### Standards Compliance

Rapspray is tested using the appropriate sections of: BS 1881, BS 4551.

### Properties

#### Temperature limitations

High air or rock temperatures will not impair the performance of the material. For use at temperatures below 10°C, the Minova RSA Technical Department should be consulted.

Rapspray is non-toxic and non-flammable.

#### Mechanical strength

Strength (MPa)	Age (days)		
	1	7	28
*Compressive	15	25	35
**Flexural	-	-	10.0

\* BS 1881 Pt.4, 1970

\*\* BS 4551, 1980

### Application Instructions

#### Preparation

All surfaces to be covered must be clean and free from dust and loose friable material. It is recommended that surfaces are washed with clean water.

#### Mixing

For best results a mechanically powered grout mixer is recommended.

The quantity of water required to achieve the correct pumpable consistency must be accurately measured into the mixing vessel. Each 20kg bag of Rapspray requires 8 litres of water. Slowly add the contents of the Rapspray bag whilst mixing continuously making sure a smooth, even, lump-free consistency is obtained.

#### Placing

A suitable pump/spray arrangement such as a diaphragm or piston pump can be used.

#### Cleaning

Equipment can be cleaned with water immediately after use. Cured material can only be removed by mechanical means.

#### Estimating

PACK SIZE (KG)	MIX WATER (Litres)	VOLUME YIELD (Litres)
20	8	17

#### Coverage guide to Rapspray quantities

20Kg	Yields 4sq.m at 4mm thick
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**Note:** These figures are for guidance only. Actual coverage will depend on the texture and porosity of the surface being covered.

#### Storage/Shelf life

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

#### Precautions

#### Health and Safety

Rapspray is non-toxic but is mildly alkaline, wearing of goggles and gloves is recommended. Wash any splashes to eyes with plenty of clean water and seek medical advice immediately, refer to Material Safety Data Sheet for further information.

#### 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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Reg. No. 2001/027226/07, ISO 9001:2000 Company

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