

## Technical Data Sheet redstone™ - FILLER

Ready-to-use permeable filler

**Area of application:**

redstone™ Filler

- all-over application for mineral surfaces, especially on redstone MOMA™, redstone PURA™, and redstone™ MEGA boards
- filling joint seems
- secure non-corrosive corner beads
- filling, patching, and levelling of mineral wall and ceiling surfaces of interior areas

**Properties:**

redstone™ Filler

- cures hydraulically
- conducts capillary water
- highly alkaline
- high adhesive power

**Technical data:**

Binder	Portland cement, calcium hydroxide
Bulk density	Approx. 1.2 kg/dm <sup>3</sup>
Bulk density (fresh mortar)	Approx. 2.0 kg/dm <sup>3</sup>
pH-value	Approx. 12 mol/l
Color	White

**Directions for use:**

Pre-treatment of surface:

Mineral surface must be clean, adherent and viable, free of residuals (acid salts, dust, dirt, bitumen, coatings, oil) as well as mold. Remove loose paint layers/particles. Highly absorbing surfaces such as brick walls and plasters should be thoroughly moistened but not dripping wet. Appropriate surfaces other than redstone MOMA™, redstone PURA™ and redstone™ MEGA are concrete, masonry, lime-cement, cement plasters, aerated concrete, brick walls, and limestone. Highly absorbing dry building materials such as redstone MOMA™ and redstone PURA™ have to be pre-treated with redstone™ Primer.

---

The data contained in this document are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions or technical data etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. All former technical leaflets are replaced by this one.

### Mixing and Processing:

Mix redstone™ Filler – 44 lbs (20 kg) with approx. 2 gallon (8 liters) clean water. Stir slowly with electric drill mixer until smooth and homogeneous resulting in a total amount of approx. 27.5 lbs (12.5 kg) applicable material. Stir again after 3 – 5 minutes. Filler can be applied up to 10 mm thickness. Depending on the application, Fiberglas mesh can be used for reinforcement.

### Processing temperature:

> + 41° F (> +5° C)

The surface and ambient temperatures should not be under + 41° F (+5° C) until 72 hours after application. Avoid drastic temperature fluctuations. Avoid direct sunlight if possible.

### Processing time:

Approx. 2 hours at 68°F (+ 20°C) and 65% relative humidity.

### **Usage:**

Filling joints: 0.1 lbs per ft<sup>2</sup> (0.5 kg/m<sup>2</sup>)

Finish coat: 0.2 – 0.4 lbs per ft<sup>2</sup> (1 – 2 kg/m<sup>2</sup>) - 1 mm thick

### **Cleaning:**

Clean tools with water immediately after use.

### **Content:**

44 lbs (20kg) bag

### **Safety advices:**

#### Caution:

- May cause eye and skin irritation or burns
- May cause respiratory tract irritation
- May cause irritation of the gastrointestinal tract
- Keep out of reach of children
- Avoid skin contact
- Avoid contact with eyes
- Avoid prolonged exposure or inhalation of dust particles
- Do not ingest
- Normal safety wear such as protective clothing, boots, rubber gloves, dust masks, eye safety glasses should be worn while handling cement-based products.

#### First Aid:

- In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.
- In case of contact with skin, immediately flush with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical attention immediately
- If swallowed, do not induce vomiting. Rinse mouth and drink plenty of water. Seek medical advice.

---

The data contained in this document are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions or technical data etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. All former technical leaflets are replaced by this one.

**Storage:**

Store in a cool (frost-free), dry and well ventilated location. Do not store in aluminum, fiberglass, copper, brass, zinc or galvanized containers. Storage shelf life: 12 months.

**Disposal:**

Dispose of contents/container in accordance with local/regional/national/international regulations. If discarded in its purchased form, this product would not be a hazardous waste. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

**Maintenance of industrial health and safety standards:**

Before using, read and follow all label and MSDS precautions.

**Material Safety Data Sheet:**

MSDS provided upon request.

---

The data contained in this document are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions or technical data etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. All former technical leaflets are replaced by this one.