



## Technical Data Sheet for Cement-Based Filler

### Product Description

Cement-Based Filler is a high-performance, versatile filling compound designed for use in construction and renovation projects. It is made from a blend of high-quality cement, finely graded fillers, and additives that provide excellent workability, adhesion, and durability. This product is primarily used for repairing, leveling, and smoothing concrete and masonry surfaces, offering a smooth finish that can be painted or coated once cured.

Cement-Based Filler is ideal for both interior and exterior use, providing a tough and long-lasting surface for further treatment. Once applied, it forms a solid, smooth finish that enhances the aesthetic appearance of the underlying structure. The filler is easy to apply, and its formulation ensures that it adheres well to a variety of substrates, including concrete, masonry, brick, and plaster. It is designed to fill cracks, holes, and surface irregularities in walls, ceilings, floors, and other surfaces exposed to wear and tear. It can also be used to level uneven surfaces before the application of paint, coatings, or flooring.

This product is quick-drying, allowing for fast application and reduced downtime on construction and repair jobs. It is resistant to cracking and shrinking, providing a strong bond to the surface, even in challenging environmental conditions. Its high level of workability ensures that it can be spread smoothly over a large area, and it has excellent sandability once dried, allowing for fine finishing.

Cement-Based Filler is also highly durable and weather-resistant, making it suitable for a variety of applications in both residential and commercial projects. It provides an effective solution for creating long-lasting, level surfaces that can withstand impact, moisture, and general wear and tear.

### Recommended Use

Cement-Based Filler is highly versatile and recommended for use in the following applications:

**1. Concrete & Masonry Repair:**

- It is ideal for filling cracks, holes, and surface imperfections in concrete, masonry, and brickwork. It can be used for repairing walls, floors, ceilings, and foundations. The filler bonds strongly to porous surfaces, preventing the formation of air bubbles and ensuring a smooth surface.
- Suitable for both exterior and interior applications, it helps restore the integrity of the structure.

**2. Leveling Uneven Surfaces:**

- Cement-Based Filler is perfect for leveling uneven or damaged concrete floors, walls, and ceilings. It can be applied over large surface areas to create a flat and smooth base for flooring or finishing materials.
- It is especially useful for preparing surfaces before the application of decorative coatings or tiles.

**3. Filling Surface Imperfections:**

- It is highly effective for filling small to medium surface imperfections, such as hairline cracks, holes, and chips in walls, floors, and other concrete or plastered surfaces.
- The filler ensures that the surface is smooth and ready for painting or further treatment.

**4. Repairs in High-Wear Areas:**

- Cement-Based Filler can be used in high-traffic areas, such as commercial spaces, garages, and industrial floors, where durability and resistance to wear and tear are essential.

**5. Outdoor Applications:**



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- Its resistance to moisture, weathering, and temperature changes makes it suitable for use in outdoor applications such as repairing and filling concrete garden walls, outdoor floors, patios, and foundations exposed to the elements.
- 6. **Surface Preparation for Coatings:**
  - This product can also be used as a preparatory base for subsequent coatings, paints, or other finishes. It provides a smooth and even surface for the application of decorative finishes and helps improve the adhesion of paints.

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### Technical Data

- **Colour:** Light grey, can be painted over after curing
- **Binder Solid:** 65–70%
- **Volume Solid:** 75–80%
- **Dosage:**
  - Cement-Based Filler is typically applied in 2-3 mm layers per coat, depending on the size of the repair. Multiple coats may be required for deeper surface repairs or larger areas.
  - For larger surfaces, the filler should be applied in thin layers, allowing each layer to fully cure before applying the next.
- **Addition:**
  - No additional solvents are needed. If required, water may be added to adjust the consistency for ease of application. It is recommended to use as little water as necessary to avoid weakening the filler mix.
- **Method of Application:**
  - Apply Cement-Based Filler using a trowel, putty knife, or a plastering tool. The surface should be clean and free from debris, dust, or grease before application.
  - Mix the filler with the appropriate amount of water to create a smooth, workable paste. Apply the filler directly to the prepared surface, filling cracks, holes, and other imperfections.
  - For larger or deeper holes, multiple applications may be required. Smooth the filler using a finishing trowel or putty knife, ensuring that the surface is level and smooth.
  - Allow the first layer to cure before applying subsequent coats. Drying time can vary depending on thickness, ambient temperature, and humidity.
  - Once the filler has fully dried, it can be sanded to achieve a smooth, even surface suitable for painting, coating, or further finishing.

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### Safety Instructions

- **Personal Protection:**
  - Wear protective gloves, goggles, and dust masks when handling and applying Cement-Based Filler to prevent skin irritation and inhalation of dust.
  - Ensure that the workspace is well-ventilated. When sanding, wear appropriate respiratory protection to avoid inhaling dust particles.
- **Handling & Storage:**
  - Keep the filler in a cool, dry place away from moisture and direct sunlight. Store in tightly sealed containers to prevent moisture from affecting the quality of the product.
  - Keep out of reach of children and pets.
- **First Aid Measures:**
  - **Skin Contact:** Wash immediately with soap and water. If irritation persists, seek medical attention.

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*This document provides brief details of our product and is subject to change. For the latest version, please contact us at [support@spakslube.com](mailto:support@spakslube.com).*



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- **Eye Contact:** Flush eyes with clean water for at least 15 minutes. If irritation continues, seek medical attention.
- **Inhalation:** Move to fresh air immediately if inhalation of dust occurs. If symptoms such as coughing or shortness of breath persist, seek medical attention.
- **Ingestion:** If ingested, do not induce vomiting. Rinse mouth with water and seek medical attention.
- **Disposal:**
  - Dispose of unused filler and packaging in accordance with local waste disposal regulations. Avoid disposal in drains, sewers, or water sources.
  - Leftover filler can be safely discarded once it has hardened, as it is non-toxic in its final form.

By following the safety guidelines and applying Cement-Based Filler correctly, users can achieve strong, durable repairs and surface finishes for a wide range of construction and renovation projects.

