



## Technical Data Sheet for Acrylic Filler

### Product Description

Acrylic Filler is a high-quality, versatile filler designed for use in a wide range of applications, particularly for repairing, filling, and smoothing imperfections on walls, ceilings, and other surfaces. It is made from an advanced acrylic resin formula that provides excellent adhesion, durability, and flexibility. This filler is designed for both interior and exterior use, offering a long-lasting, smooth finish that can be painted over easily once dried.

Acrylic Filler is highly effective for filling cracks, holes, and other surface irregularities in drywall, plaster, concrete, and other porous surfaces. The product has a smooth texture that allows for easy application and provides a seamless, smooth finish once dried. Unlike traditional fillers, acrylic-based formulations are known for their flexibility, which makes them ideal for surfaces subject to movement or slight settling.

This filler also exhibits excellent sanding properties, allowing for a fine finish when smoothing out filled areas. It is fast-drying and easy to apply, making it an ideal choice for professionals and DIYers alike. Once dry, Acrylic Filler offers superior adhesion, reducing the need for reapplication over time. It is resistant to cracking and shrinkage, ensuring that the filled areas remain intact even under varying temperature and humidity conditions.

With its superior durability, the filler is perfect for use on walls, ceilings, and even for use in areas of moderate wear and tear. It can be painted or coated once dried, making it a versatile option for a variety of surface finishing applications.

### Recommended Use

Acrylic Filler is suitable for a variety of applications in both residential and commercial settings. It is recommended for use in the following scenarios:

**1. Filling Cracks, Holes, and Surface Imperfections:**

- It is ideal for filling small to medium cracks and holes in walls, ceilings, and other interior or exterior surfaces. Whether it's a crack in drywall or a hole in plaster, Acrylic Filler offers a reliable solution for a smooth and seamless finish.
- The filler can be used for both minor cosmetic repairs and more extensive surface restoration.

**2. Repairing Drywall and Plasterboard:**

- Acrylic Filler is perfect for use in drywall repairs, especially for filling seams, cracks, and nail holes. It can be applied to drywall before finishing or painting to create an even surface.
- The product's flexibility ensures that it adheres well to plasterboard and drywall surfaces without cracking or shrinking.

**3. Smoothing Rough Surfaces:**

- It is ideal for smoothing out rough or uneven surfaces, especially in preparation for painting or applying wallpaper. Acrylic Filler can fill gaps and create a smooth, level surface that ensures better adhesion of subsequent finishes.
- It works well on both porous and non-porous surfaces.

**4. Exterior Surface Repairs:**

- Acrylic Filler is well-suited for exterior surface repairs, especially for filling small holes or cracks in masonry, stucco, or concrete. It provides a durable repair that resists weathering and ensures long-lasting results when exposed to outdoor conditions.

**5. Sealing Around Windows and Doors:**



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- It can also be used to seal gaps and cracks around windows and doors, providing an airtight seal that improves energy efficiency and prevents drafts. Acrylic Filler ensures a neat and professional finish when filling gaps in and around window and door frames.
- 6. **Paintable Surface Finishes:**
  - Once dried, Acrylic Filler can be painted over with a variety of finishes, making it ideal for decorative applications. It provides a smooth, consistent surface that helps enhance the appearance of the final coat of paint.
- 7. **Flexible Applications:**
  - Due to its flexibility, Acrylic Filler is also recommended for areas that experience slight movement or expansion and contraction, such as around joints, moldings, and trim work. It can handle the subtle movement without cracking, making it a long-lasting solution.

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### Technical Data (Specification)

- **Colour:** White
- **Binder:** Acrylic-based formulation
- **Viscosity:** Smooth paste, easy to spread
- **Drying Time:** Touch dry in approximately 30 minutes; fully cured within 1-2 hours
- **Sanding:** Sandable within 1 hour of application
- **Application Method:** Manual application using a putty knife, trowel, or filling knife
- **Coverage:** Approximately 1.5 to 2 square meters per liter for a 1mm thick layer
- **Storage:** Store in a cool, dry place away from direct sunlight. Keep the container sealed when not in use
- **Pack Sizes:** Available in 1kg, 5kg, and 10kg tubs

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### Dosage & Addition

- **Dosage:**
  - The amount of Acrylic Filler required depends on the size and depth of the area being filled. Typically, a 1kg tub can cover up to 1.5-2 square meters at 1mm thickness. For deeper holes or cracks, additional layers may be needed, allowing each layer to dry before applying the next.
  - For large surface areas or extensive repairs, more filler may be required.
- **Addition:**
  - Acrylic Filler comes ready to use, and no additional solvents or additives are needed for most applications. However, if necessary, a small amount of water can be added to adjust the consistency, especially for larger surface areas.
  - Avoid over-thinning the filler, as this could compromise its performance and adhesion.

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### Method of Application

1. **Surface Preparation:**
  - Ensure the surface is clean, dry, and free of dust, dirt, oil, or grease. For best adhesion, roughen the surface slightly if it's too smooth, and make sure any loose material or damaged plaster is removed before applying the filler.
  - For larger cracks, ensure that the area around the crack is clean and that any debris is removed.
2. **Mixing:**



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- Acrylic Filler is ready to use directly from the container. If a smoother consistency is desired, a small amount of water can be added. Stir thoroughly to ensure an even mixture and achieve the desired spreadability.
- 3. **Application:**
  - Apply the filler using a putty knife or similar tool, spreading it evenly over the surface. For small cracks, press the filler into the gap and smooth it over the surface. For larger holes or cracks, apply in thin layers, allowing each layer to dry before applying the next.
  - Smooth the filler to match the surrounding surface as closely as possible. Once applied, ensure that the edges are feathered for a seamless finish.
- 4. **Drying & Sanding:**
  - Allow the filler to dry for approximately 30 minutes to 1 hour (depending on the thickness of the layer). Once the filler is dry, sand it smooth with a fine-grit sandpaper to achieve an even, flawless surface.
  - For additional layers, repeat the process until the surface is smooth and level.
- 5. **Finishing:**
  - Once fully cured and sanded, the filled areas are ready for painting or other finishing treatments. Acrylic Filler provides a smooth surface that enhances the adhesion of paints, making it ideal for final surface finishing.

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### Safety Instructions

- **Personal Protection:**
  - Wear protective gloves, goggles, and a dust mask when handling and applying Acrylic Filler to avoid skin irritation, eye contact, and inhalation of dust.
  - In areas with limited ventilation, ensure proper airflow to minimize the risk of inhaling airborne dust or vapors.
- **Handling & Storage:**
  - Store the filler in a sealed container in a cool, dry place away from extreme temperatures and direct sunlight. Keep the container tightly closed when not in use to prevent the filler from drying out.
  - Keep out of reach of children and pets.
- **First Aid Measures:**
  - **Skin Contact:** If contact with skin occurs, wash immediately with soap and water. If irritation persists, seek medical attention.
  - **Eye Contact:** Rinse eyes immediately with plenty of water for at least 15 minutes. Seek medical attention if irritation continues.
  - **Inhalation:** If inhaled, move to fresh air. If symptoms persist, seek medical attention.
  - **Ingestion:** If ingested, do not induce vomiting. Rinse mouth with water and seek medical attention immediately.
- **Disposal:**
  - Dispose of any leftover filler and its packaging according to local regulations. Avoid disposing of the material in drains or water sources.

By following these safety instructions and proper application techniques, Acrylic Filler will provide a durable, smooth, and long-lasting surface repair solution for various construction and renovation projects.