



# COSMOFER®

## 2PK UNIVERSAL POLYESTER FILLER

<b>Product description</b>	COSMOFER® is a 2 pack universal polyester filler that can be applied to multiple surfaces – wood, metal, stone, concrete, plastic... Quick drying and highly flexible COSMOFER® will not shrink or crack and when fully cured can be cut, screwed, drilled and tapped. Easy to sand, COSMOFER® is compatible with any single or two pack finish.
<b>Properties</b>	<ul style="list-style-type: none"> <li>• True cold weld filler – Fills, Seals, Glues, Insulates, levels irregular surfaces...</li> <li>• Excellent adhesion.</li> <li>• Use on multiple surfaces – Steel, Wood, Plastic, ABS, Concrete, PVC...</li> <li>• Easy to use – Easy to sand (Manually or Mechanically).</li> <li>• Quick drying – Dries in 10 minutes.</li> <li>• Adjustable drying time – Increase/Decrease quantity of hardener.</li> <li>• Can be Drilled, Tapped, Filed, Sawn, Screwed...</li> <li>• Heat (120°C), Vibration and Chemical resistant.</li> <li>• Compatible with all paints – Single and two pack.</li> <li>• Highly elastic. Does not crack or shrink.</li> <li>• Does not clog abrasives.</li> </ul>
<b>Basic uses</b>	<ul style="list-style-type: none"> <li>• Interior and exterior.</li> <li>• Horizontal and vertical.</li> <li>• Wood – All types.</li> <li>• Ferrous and non-ferrous metals – Iron, Steel, Aluminium, Copper, Lead...</li> <li>• Plastics – ABS, Polyester, PVC...</li> <li>• Stone, Concrete, Mosaic, Marble, Fibre cement...</li> </ul>
<b>Areas of application</b>	<ul style="list-style-type: none"> <li>• <b>Automotive:</b> Bodywork (Holes and Cracks), Dents, Radiator, Battery tray, Housing...</li> <li>• <b>Trailer:</b> Body repairs, Waterproofing...</li> <li>• <b>Motorcycles:</b> Fairing, Tank, Sump...</li> <li>• <b>Marine:</b> Boats (Wooden, Metal, GRP) – Hull and Deck. Protects against corrosion.</li> <li>• <b>Building Industry:</b> Sealing of cracks etc in Concrete, Brick, Stone... Leaks in tanks – Metal, Concrete, or GRP lining.</li> <li>• <b>DIY:</b> Repairing rigid plastic objects, PVC, Polyester, ABS... Vases, Sinks, Models...</li> <li>• <b>Electrical:</b> All insulations (12,000 volts per mm), Battery tray...</li> <li>• <b>Agriculture:</b> Troughs, Tanks, Agricultural machinery...</li> <li>• <b>Central Heating:</b> Pipes, Fixings, Radiators, Boiler, Thermal insulation...</li> <li>• <b>Plumbing:</b> Supply and drainage pipes, Fixings, Sink, Hand basin, Bath...</li> <li>• <b>Roofing:</b> Roof, Downpipes, Guttering, Skylight...</li> <li>• <b>Metalwork:</b> Fences, Doors, Metal shutters, Wrought iron...</li> <li>• <b>Foundry:</b> Blowhole, Defective casts, Cracks, Moulds...</li> </ul>
<b>Technical data</b>	<p><b>Colour:</b> White.</p> <p><b>Vehicle Type:</b> Filler: Polyester resin. Hardener: Benzoyl peroxide.</p> <p><b>Specific Gravity:</b> 1.90 ± 0.03 g/cm<sup>3</sup> DIN 53 214.</p> <p><b>Temperature resistance:</b> Up to 120°C once fully cured.</p> <p><b>Shelf Life:</b> 1 year in original unopened packaging.</p> <p><b>Container Size:</b> 100g, 250g, 1Kg.</p> <p><b>Drying Time:</b> 10 minutes at 20°C.</p> <p><b>VOC:</b> EU limit value for this product (cat IIB/b) 250 g/l (2004/42). This product contains max 216 g/l in its ready to use form.</p>
<b>Application tools</b>	Filling knife.

The information set out cons are purely illustrative and are not the responsibility of the manufacturer, the application of products not made under his supervision.

<b>Good application practice</b>	For narrow cracks rake out to enlarge. Stir filler well before mixing with hardener. Do not mix filler and hardener in the can. Apply between 10°C and 25°C.
<b>Surface preparation</b>	Surfaces must be clean, dry and free of dirt, grease, grime, all loose material and other contamination. Remove all rust from around the area to be repaired back to bright clean metal. Remove all loose and old finishes from around the area to be repaired. Thoroughly abrade the surface using a file or coarse abrasive paper. Wipe surface clean with Acetone, Ethyl Acetate, Methylated Spirits (De-natured Alcohol) or similar to remove any abrasion residue. DO NOT use White Spirit.
<b>Application</b>	<b>Mixing:</b> Add 2% of hardener to quantity of filler for 10 minutes drying. As a guide 1 coffee bean size of hardener to 1 Chestnut size of filler. Cold weather increase amount of hardener. Hot weather decrease amount of hardener. Ensure hardener and filler are well mixed. Increasing or decreasing the amount of hardener does not affect the overall curing time. <b>Application:</b> Work filler in to crack, hole or dent. Smooth off with filling knife. For repairs deeper than 50 mm – build up in layers allowing too dry between applications. For a smooth finish sand (100 grit paper) before applying finish. Allow 24 hrs before machining (Drilling, Mechanically Sanding, Tapping...).
<b>Clean-up</b>	Clean tools immediately after use with Acetone, Ethyl Acetate or similar. Dispose of any unused hardener/filler mixture in accordance with local regulations. DO NOT put back in container.
<b>Storage</b>	Store in original container. Keep from freezing and high temperatures.
<b>General information</b>	Every care is taken to ensure that the information provided in this technical data sheet is accurate. <b>OWATROL International</b> is unable to guarantee results as we have no control over the conditions under which our products are applied. For further advice and information please contact our technical department by email at <a href="mailto:info@owatrol.com">info@owatrol.com</a> or the local OWATROL Agent for your country. The information above is correct at the date of issue. All other OWATROL products named in this document should be used as per label instructions and the technical data sheet.
<b>Safety</b>	Refer to the safety data sheet (MSDS) available at <a href="http://www.owatrol.com">www.owatrol.com</a> and text on the packaging. Keep out of the reach of children.
<b>Issue date</b>	February 2014.

