

CARFINISH

AUTOMOTIVE




smartBODYFILLER

SMART SAND

Unique Polyester
Primer Filler

SMART SAND



Very latest polyester technologie

Incomparable film build

Flat, smooth surface without shrinking

Optimum adhesion

Fast drying, best possible elasticity

Easy sanding

DI 00 46420 1 – 1 Liter

DI 00 46423 3 – 3,5 Liter

incl. MEKP hardener

Smart Sand is a polyester based primer on the very latest point of technology. A very high solid product, which provides remarkable filling power and thick layers up to 300 µm each.

Smart Sand, the perfect product for surface preparation at restauration jobs, special vehicle jobs, woodwork or on molding parts and modelling jobs.

*Test it yourself and experience
the many advantages it brings
to your repair process!*

SMART SAND

Unique Polyester Primer Filler

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DESCRIPTION	<p>FOR PROFESSIONAL USE ONLY</p> <p>Smart Sand is a new, unique polyester primer filler with a high solids content giving exceptional filling and film build properties. 200-300 µm in just one coat is easily achievable. Smart Sand is the ideal choice for the best preparation of the surface in restoration and customising projects, for use in the wood industry and for casting and modelling. The minimal amount of solvent content guarantees an exceptional structural stability.</p>														
SUBSTRATES	<p>Please make sure that your surface is sanded properly and cleaned well. Smart Sand delivers best adhesion on molding parts, bare steel, aluminium, epoxy sealed surfaces and sanded OEM Paint. Do not use Smart Sand on thermoplastic surfaces or synthetic nitropaints.</p> <p>Attention: Any primer which is sprayed before, needs to be cured and flashed off very well before using Smart Sand.</p>														
PREPARATION	<p>Before sanding, thoroughly clean the area to be repaired removing all traces of dirt, oil and wax residues. When cleaning raw, exposed fibreglass it is recommended to use acetone.</p> <p>Aluminium, raw or galvanised steel Large areas of bare metal must be coated with an epoxy primer prior to the application of Smart Sand. Please follow the manufacturers instruction and ensure the surface is fully cured before proceeding.</p> <p>Painted surfaces Abrade the repair area with a P180 or P240 abrasive. Remove the dust with a clean cloth and compressed air.</p> <p>Polyester body filler Abrade the repair area with a P180 or P240 abrasive. Remove the dust with a clean cloth and compressed air.</p>														
MIXING	<p>Thoroughly mix the product in the tin until it has a uniform consistency [a paint tin shaker may be useful]. The mixing ratio is 3 % by weight. Adding up to 5 % thinner is possible.</p>														
APPLICATION	<p>Use a spray filler or primer gun with a 2.0 mm nozzle following the manufacturers recommendation for pressure setting. Apply 2-3 medium coats as required. Allow 5 minutes at 20 °C flash off time between coats.</p>														
SANDING	<p>Depending on the thickness per coat, drying time varies. At 2 coats drying time at 20 °C until sanding is 3 hours. At 60 °C it is 25 minutes and on IRT 5-10 minutes (always recommended object temperature). After drying Smart Sand should be prepared for the next stage by sanding with P400-P600 grit abrasive.</p>														
TECHNICAL DATA	<table border="1"> <tr> <td>Colour</td> <td>grey</td> </tr> <tr> <td>Physical State</td> <td>liquid</td> </tr> <tr> <td>Working time</td> <td>25 minutes at 20 °C</td> </tr> <tr> <td>Dry to sand time</td> <td>3 hours at 20 °C; 25 minutes at 60 °C; 5-6 minutes IRT at 80 cm distance</td> </tr> <tr> <td>Maximum build</td> <td>400 µm</td> </tr> <tr> <td>Ingredients and precautions</td> <td>Safety data sheet (MSDS) available on request</td> </tr> <tr> <td>VOC</td> <td>EU limit for volatile organic compounds: 250 g/l (2007) This product contains max 199 g/l VOC (ready to use).</td> </tr> </table>	Colour	grey	Physical State	liquid	Working time	25 minutes at 20 °C	Dry to sand time	3 hours at 20 °C; 25 minutes at 60 °C; 5-6 minutes IRT at 80 cm distance	Maximum build	400 µm	Ingredients and precautions	Safety data sheet (MSDS) available on request	VOC	EU limit for volatile organic compounds: 250 g/l (2007) This product contains max 199 g/l VOC (ready to use).
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STABILITY	<p>At least 12 months in the original closed tin.</p>														
STORAGE	<p>Store it cool and dry. Avoid direct sunlight. Temperature between +5 °C and +30 °C.</p>														
SAFETY INSTRUCTIONS	<p>Be sure to read all instructions and warnings before using CarFinish products. Safety data sheets for all materials are available online at www.carfinish.eu.</p>														

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