

EVERCOAT®

INNOVATIVE SOLUTIONS
THAT PERFORM.

POLY-FLEX

Flexible polyester stopper
for plastics

POLY-FLEX



Extreme flexibility

The very latest filler technology

Excellent adhesion
thanks to ZNX-7 technology

Self-levelling

Easy sanding

Even, smooth, pin-hole free finish

104411 – 880 ml

Poly-Flex is a highly flexible polyester filler stopper for the repair of plastics.

The product has been developed to give the maximum amount of flexibility when repairing bumpers and other flexible plastic parts with exceptional adhesion characteristics.

Due to the low viscosity and self-levelling features it is easy to achieve an even, smooth, fine, pin-hole free surface.

POLY-FLEX can be used on all hard, flexible and composite plastics including SMC and polyester filler.

POLY-FLEX remains also after hardening extremely flexible.

Application.



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

TECHNICAL DATA SHEET

POLY-FLEX

Highly Flexible Polyester Stopper

Edition date: 1.11.2018 | Page 1/1

DESCRIPTION AND APPLICATION	FOR PROFESSIONAL USE ONLY Highly flexible polyester filler stopper for the filling and finishing of small damages, heavy sand scratches and micro-pin holes on plastic parts.																		
SUBSTRATES	Exceptional adhesion to a variety of suitably abraded substrates including; hard plastics, flexible plastics, composite plastics, hard plastics, SMC, polyester filler. ATTENTION: When using on TPO (thermo-plastics such as PP) maintain as much of the original material as possible and oxidise the surface using a flame.																		
PREPARATION	Before sanding, thoroughly clean the area to be repaired removing all traces of dirt, oil and wax residues. Lightly abrade the repair area to key the surface. Use a fine abrasive to remove any deep or heavy scratch pattern. Remove the dust. The area to be repaired must be completely dry before application of product.																		
MIXING	The mixing ratio is 2% by weight. Place the required amount of hardener on a clean, grease free, mixing board and add the requisite 2% hardener. Refer to the illustration on the product lid for an optical guide to ensuring the correct ratio. Thoroughly mix the material to a consistent, homogenous mass that is one uniform colour. Only use the EVERCOAT hardener provided.																		
APPLICATION	First, apply a very thin layer of mixed material with firm pressure to the repair area. This promotes an optimum, pin-hole free application and excellent adhesion. Increase to the desired depth of repair by applying layers of product.																		
SANDING	After 20-25 minutes the sanding process can begin. The initial sanding can begin with P180 – P240 grit, avoiding deep sand scratches outside of the repair area.																		
TECHNICAL DATA	<table border="1"><tr><td>Colour</td><td>light grey</td></tr><tr><td>Physical State</td><td>liquid</td></tr><tr><td>Solubility</td><td>not soluble in cold and warm water</td></tr><tr><td>Working time</td><td>5-6 minutes</td></tr><tr><td>Dry to sand time</td><td>20-25 minutes</td></tr><tr><td>Corrosion Protection</td><td>n/a</td></tr><tr><td>Maximum build</td><td>3 mm (sanded)</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 97 g/l VOC.</td></tr></table> <p>The properties are typical values and not to be considered as technical sales specifications. The physical test was at about 25 °C and 75 % relative humidity unless otherwise specified.</p>	Colour	light grey	Physical State	liquid	Solubility	not soluble in cold and warm water	Working time	5-6 minutes	Dry to sand time	20-25 minutes	Corrosion Protection	n/a	Maximum build	3 mm (sanded)	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 97 g/l VOC.
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STABILITY	Best before date: 18 month from manufacturing date The manufacturing date is within the batch-identification number on the bottom of the can or on the label. The batch-identification is composed as follows: 8 10 233 8 = year 2018 10 = month Octobre 233 = running batch number																		
STORAGE	According to the requirements of local regulations. Observe the precautionary statements given on the label. Maximum storage temperature 25 °C. Store in a cool, well-ventilated place away from incompatible materials and sources of ignition. Keep away from oxidising agents, strong alkalis and acids. Smoking is prohibited in the immediate vicinity. Prevent unauthorized access. Opened containers should be closed carefully and tightly. Keep upright to prevent leakage. Do not empty into drains. Do not return mixed material to the original container.																		
SAFETY INSTRUCTIONS	Be sure to read all instructions and warnings before using EVERCOAT products. Safety data sheets for all materials are available online at www.evercoat.de .																		

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