

TEROSON® UP 620

October 2017

Product description

TEROSON® UP 620 provides the following product characteristics:

Technology	Unsaturated polyester
Product type	Body filler

TEROSON® UP 620 is the gelcoat restores original surface finish to boat hulls and glassfibre panels. TEROSON® UP 620 repairs:

- osmosis blisters
- minor surface damages

Application areas

TEROSON® UP 620 can be used on glass fibre and gelcoat finishes. Once sets hard TEROSON® UP 620 is waterproof and may be overpainted if required.

Technical data

(Typical test results)

Component A	
Colour	white
Odour	styrene
Density	approx. 1.35 g/cm ³
Component B	
Colour	white
Odour	neutral
Density	approx. 1.1 g/cm ³
Mixture (Component A+B)	
Mixing ratio by volume	100 : 2-3
Pot life (20°C, 50% rh)	12 min.
Grinding	possible after 20 to 30 min.

Preliminary statement:

Prior to use it is necessary to read the **Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Pretreatment

The surface area around the dent, scratch or hole must be clean, dry and free from oil, grease and loose particles. In case of rusty surfaces, the rust has to be removed to bare metal. The entire repair area should be grinded with 120 grit sand paper. Finally the sanded parts have to be cleaned and pretreated for the next step with TEROSON® UP 620. It is not necessary to remove the paint around the repair area, as long as the paint has good adhesion to the surface.

Application

Use the amount of Body Filler according to the required repair area and mix the mass in a ratio of a golf ball size (40mL) with a 4 to 5 cm (2 to 3 %) long hardener stripe of TEROSON® UP 190, using a spreader until a uniform color has been achieved.

After mixing the time to apply the filler is approximately 12 minutes at 20°C.

Apply the filler mixture onto the repair area in a way that the dent, scratch or hole is sufficiently filled.

Thicker layers should be built up using multiple layers.

Surface can be sanded after 20 to 30 minutes at room temperature.

Accelerated cure, using an infrared heater (surface temperature max. 60°C) is possible after 10 minutes of the Body Filler application.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 10°C to 25°C. Storage below 10°C or greater than 25°C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Henkel representative.

Product specification

The technical data contained herein are intended as reference only and are not considered specifications for the product. Product specifications are located on the Certificate of Analysis or please contact Henkel representative.

Approval and certificate

Please contact Henkel representative for related approval or certificate of this product.

Data ranges

The data contained herein may be reported as a typical value. Values are based on actual test data and are verified on a periodic basis.

Temperature/Humidity Ranges: 23°C / 50% RH = 23±2°C / 50±5% RH

Conversions

(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
µm / 25.4 = mil
N x 0.225 = lb
N/mm x 5.71 = lb/in
N/mm² x 145 = psi
MPa x 145 = psi
N·m x 8.851 = lb·in
N·m x 0.738 = lb·ft
N·mm x 0.142 = oz·in
mPa·s = cP

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Reference 1