



PLASTI-HAIR

Repair body filler for bumpers and plastics

Specialized body filler for repair and reconstruction of plastic autoparts like; bumpers, grilles, spoilers, skirts and dashboards, integrating surface modifier, plasticizers, polimeric elements and micro and short strand fiberglass. The polimeric elements promote superior adhesion over surfaces like PP, ABS and other plastics while offering a surface that can be sanded.

PLASTI-HAIR can repair cracks, tears, holes in bumpers, wheel arch moldings, spoilers, dashboards, interior and exterior plastics.

PLASTI-HAIR can reconstruct missing sections or custom build new sections into a bumper (custom air intake, custom headlamp housing, etc). It can also be used to fill and level surfaces of a dented bumper where a plasticized and reinforced filler with crack resistance and excellent adhesion is needed.

PLASTI-HAIR is a polyester based body filler which offers:

- + Excellent adhesion to bumpers, autoparts plastics and SMC.
- + Excellent impact resistance
- + Excellent reinforcement based on careful selection of engineering fibers
- + Easy sanding and does not retreat as it is sanded
- + Fast setting and curing times (20 to 30 min.)
*In standard conditions 74°F and 3% Catalyst
- + Excellent machinability (it can be cut, drilled, taped)
- + High tensile strength and compression strength
- + Reinforced plastic properties
- + Plasticity that resist natural vibrations

Advantages:

- + Works on bumpers, auto plastics, steel sheets, fiberglass and aluminum
- + Good fluidity and no drip
- + Fast application
- + Easy spreading
- + No previous preparation with adhesion promoters needed.





Usage:

**For greater success watch our video tutorials in YouTube: [KOVERBOND](#).*

To begin using **PLASTI-HAIR**, it is recommended to prepare a small amount of **PLASTI-HAIR** with its hardener to be able to first measure curing times relative to hardener percentage and ambient temperature.

Bumper Tear Repair

1. Using water and soap clean the area to be repaired front and back. Let dry.
2. **PLASTI-HAIR** will be applied on both sides starting on the back.
3. Sand with 80 to 120 grit sandpaper to uncover the base plastic to secure adhesion. This work area needs to be sanded along the whole length including 1.5 to 2in. on each side of the tear or crack. This sanding will allow better adhesion. Blow off dust.
4. Apply masking tape on the front side of the repair.
5. Knead cream hardener tube thoroughly before using.
6. Use a clean non-porous surface to mix **PLASTI-HAIR** and cream hardener in a mixing ratio of 3:100 (**PLASTI-HAIR**: Hardener) by weight (3:100 = 3%, use 4% when weather is cold). Mix until the color of the hardener is no longer visible.
7. Apply mixed **PLASTI-HAIR** into the repair area using firm pressure to ensure maximum adhesion and to release possible trapped air. Spread from the repair area outwards or sideways 1.5 to 2in. to each side of the damage area making a gradual taper leaving a bulk reinforcement behind the main repair area. This bulk will form a reinforcement nerve once it sets.
8. On the front side, sand the surface making a "V" groove along the repair area starting on the sides of the crack and deepen into the center of the crack. The idea is to form a groove that opens to about 1 to 1.5 inches wide to fit the product. Do this all the way from the edge of the bumper to where the tear stops. Leave no square edges in the repair area. Blow off and dry wipe.
9. Estimate the quantity of **PLASTI-HAIR** you will need to fill the groove. Proceed to mix and apply **PLASTI-HAIR** following the same mixing procedure as above. The idea is to be able to sand and level the surface and still retain product in the groove.





Cosmetic Finishing:

1. Sand **PLASTI-HAIR** with 80 to 120 grit sandpaper.
2. Apply **K-BOND** (Body filler for bumpers and plastics) as a finishing over the front of the repair area and over the **PLASTI-HAIR** cured repair.

¡Fix everything you can imagine!



RECOMMENDATIONS:

Use proper personal protection equipment: safety glasses, gloves, apron and respirators all are recommended.

WARNINGS:

WARNING! Hardener hazards: Oxidizer. Causes eye irritation. May cause allergic skin reaction. May irritate the skin, nose and throat. WARNING! Filler Hazards: Flammable liquid and vapor. Vapor harmful. May irritate the eyes, skin, nose and throat and causes dizziness, headache or nausea. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contains a chemical(s) which can cause cancer. PRECAUTIONS: Vapor may cause flash fire. Keep away from heat, sparks flame and sources of static discharge. Avoid eye contact. Do not get on skin or clothing. Avoid breathing dust or vapors. Use only with adequate ventilation. Do not swallow. Wash thoroughly after handling. Close container after each use. FIRST AID INFORMATION: Eye contact: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention. Skin contact: Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse. Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention. If Swallowed: Do not induce vomiting. Get medical attention. KEEP OUT OF REACH OF CHILDREN.