



Directions for use

Newtech Repairer multipurpose filler is for the repair of dents, large holes, cracks, and other damage. Suitable for use in automotive, industrial, domestic and marine applications. Can be used on metal, such as iron, steel and aluminium; on fibreglass, suitable plastics, masonry, stone and timber. Easily sanded and can be drilled, sawn, cut, and painted.

Contains aluminium and fibreglass - repair metal with metal.

Surface preparation

Remove all rust, dirt, and flaking paint. Grind or sand the surface with very coarse paper to promote adhesion. Ensure that the surface is clean, dry and free of oil, grease, wax and any other contaminants.

Application

Mix 100g of **Newtech Repairer** with 2g of **Red Hardener**. Mix only enough to use within the gel time. The mixture is ready for use when the colour is **completely uniform**.

Apply with a plastic or steel spreader. **Avoid trapping air bubbles.** Build to final thickness in one layer or further layers may be applied to build up the thickness when the first layer has gelled. Do not apply over painted surfaces.

Gelling

Gel time is approximately 9 minutes at 22°C. Sanding and finishing may be commenced 35 – 45 minutes after application depending on temperature.

Note

Newtech Repairer can be cleaned up before gelling with acetone (best) or meths.

After cure it cannot be removed by solvents and must be sanded, chiseled or pared off.



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Directions to mix Newtech Repairer with Red Hardener.

Example for 100g putty to gel after 9 minutes at 22°C.

1. Use a thin screwdriver to separate lid from can.
Use the plastic overcap as a mixing plate or any other suitable flat non-absorbent surface.



2. Weigh out 100g of Newtech Repairer (80 ml.)
or
2a. Measure out 1 cupful (240 ml.)



3. Weigh out 2g Red Hardener (1.7 ml.)
or
3a. Measure out 1 level teaspoonful (5 ml.)



4. Combine Newtech Repairer and Red Hardener. Mix well to a uniform colour (no grey and red streaks visible).



5. Ready for use!



6. Gelled after 9 minutes at 22°C.



7. Cured, ready for sanding and painting after 45 minutes.

Amount	Product	Amount	Product	Gel time (approx.)	Weather °C
100g	Newtech Repairer	2g	Red Hardener	9 minutes	22°C
100g	Newtech Repairer	4g	Red Hardener	10 minutes	15°C
100g	Newtech Repairer	1g	Red Hardener	8 minutes	30°C

Warmer climates: less hardener will result in the same gel time.
Longer work time needed before gelling starts? Use less hardener.

Note:

Avoid applying over water based paints, which will soften & spoil the bond.

