PETEC

TechDataSheet

2C BODYWORK AND STRUCTURE ADHESIVE, CRASH RESISTANT

Features

For professional and high-strength 2C bondings in bodywork and vehicle construction.

- bonds metals (sheet metal, steel, galvanised steel, aluminium, magnesium, alloys), as well as plastic and fibre-reinforced materials (AFK, CFK, GRP) of the same material and with one of the others
- structural bonding, sealing and repair
- impact-modified for excellent crash impact resistance
- increases vehicle rigidity
- can be spot welded with resistance spot welding
- prevents contact corrosion
- crash tested

Areas of application

For professional and high-strength bonding of structural body and attached parts such as roofs, side panels, doors, wings and many more. PETEC Body Glue bonds metals (sheet metal, steel with and without cathodic immersion prime coating, aluminium, galvanised steel, magnesium and alloys) as well as plastic and fibre-reinforced materials such as AFK, CFK, GFK.

TechnicalData

Base	epoxy resin
Colours	blue
CuringHours	48
Elongation at break	30
Hand strength	120 Minuten
Shelf life	12 Months
Temperature Resistance	-30 - +120
Tensile Shear Strength	20

Usage Instructions

Application temperature (surroundings, product and material): +10 °C to +30 °C. Sand back the surfaces if possible and thoroughly clean and degrease them with PETEC Multi Cleaner (item no. 82100 or 82200). Remove cap of the adhesive, fit mixing tube (item no. 98510), and insert the adhesive into the PETEC applicator gun (item no. 98502). To ensure a perfect mixing ratio, the first 1-2 cm of mixed adhesive should be discarded. Apply the adhesive directly onto the bonding surface (avoid pausing for more than 50 minutes because the adhesive will harden in the mixing tube) and press the parts together within 60 minutes. After use, close the cartridge with the cap. Depending on the manufacturer, the adhesive is used in hybrid joining processes, such as rivet bonding or spot weld bonding. The not cured adhesive can be spot welded with the resistant spot welding technique. The manufacturer’s instructions must be followed! Remove excess adhesive with PETEC Multi Cleaner immediately after bonding. Can be re-coated after curing*. Varnishes and other media containing solvents may inhibit or ruin the curing process. Always conduct your own tests to ensure that the product is suitable for each application. Adhesive curing can be accelerated by heat (heat cabin, infrared or standard radiator) max. 180 °C. Read the safety and technical data sheet. (Download the PETEC data sheets from www.petec.de)

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Package Sizes

Item no.: 98155

50 ml