

2K PU Black



Super-quick 2K polyurethane glue for plastic repairs.



Properties:

- Excellent adhesiveness
- Very fast curing: 90 seconds
- Machinable after 20 minutes
- Solvent-free
- Environmentally friendly
- Odourless

Advantages:

- Simple preparation and application
- Does not need a primer
- High strength of the glued joint
- Simple mix ratio – 1:1 directly from the cartridge
- Varnishable

Applications:

RETECH 2K PU Black is a quick 2K high-strength polyurethane glue with very low monomer content, making it environmentally friendly. It's designed for glueing and repairing plastic materials such as ABS, acrylate, vinyl, PVC, polycarbonate, as well as composite materials Epoxy laminate, polyester, vinyl ester. Excellent adhesion also to aluminum and steel.

RETECH 2K PU Black can be used for glueing and repairs of any plastic parts such as cracked car bumpers, side panels, damaged trims, broken standoffs, damaged headlight holder o-rings, rearview mirror covers, and more. It can also be used as a filler material in case of missing parts.

Order codes:

Name	Storage code	Package	Volume / Size	Order number
2K PU Black	PUB50	Double cartridge	50 ml	1 35296

Instructions for use:

1. If possible, roughen the glued area with a P120-P180 abrasive
 2. Remove dust, oils, and moisture from the surface
 3. Degrease the surface using **RETECH Fine Cleaner**
 4. Insert the cartridge into the 2K-gun
 5. Press A+B components until they both come out of the gun
 6. Place the mixing nozzle on the double cartridge
 7. Press and discard the first 20mm – necessary for perfect mixing of both components!
 8. Apply **2K PU Black** on one of the glued surfaces and connect with the second part.
- When glueing/repairing thin flat materials, we recommend creating a 45° V-shaped bevel on both parts to be filled with the glue
9. Manipulative strength is reached 20 minutes from application. After this, the surface can be worked and modified further.

ONLY FOR PROFESSIONAL AND INDUSTRIAL USE!

Technical data:

Colour:	Black
Volume weight:	1.3 g/ml
Hardness Shore A:	90 (ASTM D-2240)
Hardness Shore D:	58 (ASTM D-2240)
Tensile strength:	15 MPa (DIN 53504/ISO 37)
Elongation at break	50% (DIN 53504/ISO 37)
Temperature resistance after curing:	-40 °C to +100 °C
Application temperature:	+5 °C to +30 °C
Processing time:	2 min ¹⁾
Final curing:	20 minutes ¹⁾
No adhesiveness to:	PE, PP, teflon, silicone

¹⁾ at 23 °C / 50 % relative humidity

Storage:

In a dry place at a temperature +5 °C to +30 °C. Protect from direct sunlight and subzero temperatures.

Health and Safety:

Health and Safety information is available in the Material Safety Data Sheet and on the label.

Declaration:

The information and recommendations in this publication are to the best of our knowledge reliable. However nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purposes. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

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