

Q-BOND

Ref: QB2; QB3

DESCRIPTION

Adhesive with reinforcing and filler particles. For fast and ultra-strong bonding and repairs of virtually all types of materials.

CHARACTERISTICS

Q-Bond consists of a two-component system – glue and reinforcing and filling particles – which, in combination, provide unique and unsurpassed bonding, filling, and reinforcing properties for broken parts, holes, and cracks in various types of substrates (rubber, plastic, except flexible PE and PP, carbon fiber, fiberglass, wood, aluminum, magnesium, copper) with extreme speed and economy.

It is based on the use of three different products:

- glue based on a cyanoacrylate
- granulated compound with black particles
- granulated compound with gray particles

HOW TO USE

The areas to be glued and repaired must be clean and dry.

For gluing rubber and neoprene parts, use only cyanoacrylate glue. Apply a few drops to a single surface, apply some pressure, and wait 8 seconds.

For gluing and repairing plastic parts (holes, cracks), apply a thin layer of black compound and then cyanoacrylate glue. Wait 3 seconds. Repeat the operation as many times as necessary until you go beyond the surface plane of the part. For gluing and repairing metals, use the same procedure with the gray powder.

The reason why Q-Bond is applied in thin layers is related to the fact that the product has to be fully polymerized, something difficult to achieve if the layer is too thick. When gluing separate parts, it is advisable to chamfer both surfaces to be joined before applying Q-Bond. Surfaces repaired and treated with Q-Bond can be immediately sanded and painted.

APPLICATION

Ideal for bonding plastic, metal, and rubber.

For 22°C, 50% relative humidity ASTM D1002, tensile strength 0.1% N/mm²:

Plastic:	5-10 seconds
Rubber:	5-10 seconds
Metal:	10-15 seconds
Wood:	8-10 seconds

TECHNICAL SPECIFICATIONS

Color:	colorless (glue), black or gray (granules)
Density (23°C):	1.07 g/ml (glue)
Operating temperature:	-50°C to +180°C when mixed with granules

TECHNICAL DATASHEET

Issue Date: 01-06-2011
Revision Date: 05-12-2014 REV02



Chemical resistance: oil, fuels, water, battery acid and all fluids found in automobiles and hydraulic circuits.
Repair tightness: total. Limit pressure (6mm holes): 50 bar.
Identifiable risks: R 36/37/38: Irritating to eyes, respiratory system and skin.
Fire extinguishing: all means.

PRECAUTIONS

See Safety Data Sheet.

PACKAGING

Q-Bond Professional Kit: 6 x 10 ml glue + 1 x gray granules + 2 x black granules
Q-Bond Mini-Kit: 2 x 10 ml glue + 1 x gray granules + 1 x black granules

EXPIRATION DATE

2 years after production, if stored under appropriate conditions. See Safety Data Sheet.