

Power Fix 2K

CYANACRYLATE

Physical Properties

Adhesive part A

Chemical Base	Cyanoacrylate
Colour	transparent
Density	approx. 1,09
Viscosity	@25 °C mPa·s (1,5 rpm) 195.000

Activator part B

Chemical Base	Cyanoacrylate
Colour	white
Density	approx. 1,17
Viscosity	@25 °C mPa·s (1,5 rpm) 63.000

Mixed part A&B

Mixing ratio	4:1
Working time	approx. 5 min. (+20°C) and approx. 3,5 hours (-20°C)
Full cure	24 hours
Gap filling capacity	6 mm

Typical properties (cured condition)

Handling strength Alu	20 - 40 sec.
Handling strength Polycarbonat	25 - 45 sec.
Handling strength Wood	45 - 80 sec.

Lap-shear strength (ISO 4587)

Abrasive blasted steel	19,5 N/mm ²
PMMA (material failure)	10,2 N/mm ²
Temperature resistance	-20°C - 80°C peak up to 120°C

Power Fix 2K

CYANACRYLATE

- Excellent adhesion properties to various substrates
- Nearly no efflorescence
- Thixotropic
- No delay yield
- Extreme impact resistant
- Mechanical workable
- Gap filling capacity 6mm
- Application over the head and on vertical areas
- Transparent bonding of PMMA

Handling and storage

- (1) The surface have to be clean, dry and free of contaminations like oil, grease and son on.
- (2) To assemble the double syringe, introduce first the piston, then remove the cap and attach static mixer.
Discard the first few centimeters of the material.
- (3) Prepare Power Fix 2K on one of the surfaces and assemble the two parts within 1 minute.
- (4) After applying the Power Fix 2K are approximately 5-60 seconds for positioning (depending on material) available. The final strength is achieved after 24
- (5) Keep the syringe in a cool and dry place. Shelf Life: 12 months

Packaging

1 piece. á 10 g including 2 static mixers

PFX 5710