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Fix All

UNIVERSAL SUPERGLUE

- Based on cyanoacrylate-ethylester
- Bonds in seconds
- Insensitive to inactive and difficult surfaces
- Precise dosage tip - reclose able
- Solvent free
- No blooming
- Suitable for all kinds of materials and applications
- No heating - no soldering - no mixing
- High tensile shear strength - shows no shrinkage
- Very economical - the thinner the adhesive, the stronger the joint
- NSF certified



General Information

FIX ALL is a special ethylester-cyanoacrylic acid based adhesive which is solvent free and has a very fast curing time on almost all kinds of materials. Because it is very insensitive to inactive and difficult surfaces compared to normal and universal grades, FIX ALL cures surely at all applications and conditions.

FIX ALL is resistant to solvents, oils, benzene, temperature fluctuations and atmospheric conditions. FIX ALL is suitable for various materials and applications. It is furthermore certified according to ANSI/NSF Standard 61 for use in commercial and residential potable water systems.

Technical Information

Chemical base: Cyanoacrylic acid-ethylester
Form: fluid
Colour: clear/colourless
Odour: irritant
Viscosity at 25°C: 70 - 120 mPas
Density (DIN 51757): 1,06 g/cm³
Flash point (DIN 55213): > 80°C

EPDM / EPDM 10 Tage/70°C: > 220 N
Thermal Range: - 35°C up to +100°C
Melting point: +165°C

Fixture time on:
Aluminium: ≤ 50 sec.
SBR-rubber: ≤ 5 sec.
Polycarbonate: ≤ 12 sec.
EPDM-rubber: ≤ 10 sec.
Final strength: 24 hours

Physical Properties (cured film)
Tensile Shear Strength on:
Steel / steel: > 20 N/mm² DIN EN 1465
Tensile Force on round rubber profiles:
SBR / SBR - rubber ø18mm: > 1800 N
SBR / SBR 10 Tage/70°C: > 1800 N
EPDM / EPDM - rubber ø16mm: > 250 N

Shelf life: 12 months at room temperature, always keep the lid closed,
store under shade away from direct heat.
Safety measures: consult the Safety Data Sheet.

Application and Use

- FIX ALL provides an exceptionally strong bond between almost all kinds of materials,
- For best results use FIX ALL in the following way:
 1. Surfaces have to be clean from dust and oil/grease etc. Clean the surface with Solvix and Xi-Foam to have the best preparation before gluing.
 2. Apply FIX ALL in very thin layers on both surfaces you want to bond. (to have a faster curing time and for difficult and porous surface spray FIX ALL AKTIVATOR on the surface before applying and let it dry out)
 3. Press the two surfaces together immediately.
 4. High pressure ensures that FIX ALL is applied on all surface in a thin layer
 5. DO NOT move the work piece until the FIX ALL start curing (this lasts only second)
 6. Remove fresh FAST FIX from applied surface with FIX ALL REMOVER.
 7. Close the lid immediately that no humidity gets into the bottle of FIX ALL, this enlarges the shelf life.

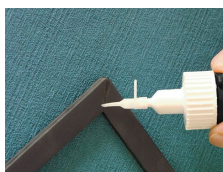
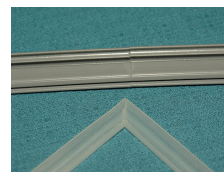
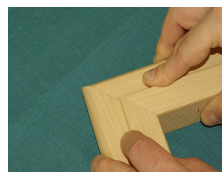
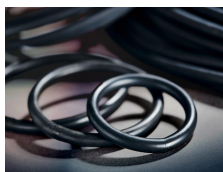
- On porous surfaces, fast curing process or difficult materials, we recommend the use of FIX ALL AKTIVATOR.
- For higher gaps filling opportunities use FIX ALL FILLER
- For difficult surfaces like Polyethylene (PE), Polypropylene (PP) or PTFE use FIX ALL PRIMER before applying FIX ALL.

For the best adhesion on aluminum please roughen/sand the aluminum first.

Article nr	Name	Content	Section
X501010	Fix All Aktivator	50ml	ADHESIVES AND SEALANTS
X501011	Fix All Remover	20g	ADHESIVES AND SEALANTS
X501013	Fix All Filler	30g	ADHESIVES AND SEALANTS
X501014	Fix All Primer	50ml	ADHESIVES AND SEALANTS
X501020	Fix All Easy	20g	ADHESIVES AND SEALANTS
X503020	Fix All	20g	ADHESIVES AND SEALANTS

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