NAE-1600

EPOXY-BASED STRUCTURAL ADHESIVE

- Two components
- High tensile strength
- Fast curing at room temperature
- Mixing ratio 2/1

Technical Info

- Chemistry: epoxy.
- Appearance (WL-M020): white paste.
- Viscosity part A (WL-M002 - 23°C, 10s-1): 108 Pa.s.
- Viscosity part B (WL-M002 - 23°C, 10s-1): 80 Pa.s.
- Viscosity mixture A+B (WL-M002 - 23°C, 10s-1): 95 Pa.s.
- Hardness (WL-M001): 68 shore D.
- Curing (WL-M018 - KT): 7 minutes.
- Shear strength (after 7 days at room temperature);
- WL-M013 steel: 160 kg/cm2.
- WL-M013 PA6.6: 10 kg/cm2.
- Temperature resistance (WL-M013): from -50 to +125°C.

Be careful when mixing quantities exceeding 50 g, as an exothermic reaction will occur. Store material dry for maximum 18 months in original container between 5 and 25°C not exposed to humid and sunny conditions. Consult the safety data sheet before using the product.

Packing

NAE-1600 - cartridge 150ml	532040000
NAE-1600 - 50ml	532041000

Product [NAE-1600]

Characteristics

NAE-1600 is a two-component epoxy adhesive for structural bonding applications where high tensile strength is required. NAE-1600 offers high tensile strength, curing at room temperature and a convenient 2/1 mixing ratio.

NAE-1600 bonds various materials such as metals and engineering plastics. The curing at room temperature eliminates the need for an oven or other curing equipment.

Applications

Industrial and structural assembly where high tensile strength and long-term performance are important requirements. NAE-1600 provides strong and reliable bonding between most commonly used metals and engineering plastics.

Use

- Apply to clean substrate. Clean if necessary using Safety Clean (chemical contamination) and/or Multifoam (natural contamination).
- Difficult to bond plastics may benefit from plasma treatment to improve adhesion to plastics and aluminium.

- Respect a minimum adhesive thickness of 0.1 mm and a maximum of 1 mm.
- After bonding, ensure that the assembly is left in place for at least 1 hour.
- Maximum strength is obtained after 7 days.