

KEOL**EPOXY ADHESIVE****K-POXY 430**

430 adhesive from the K-POXY range is a versatile and easy-to-use solvent-free epoxy adhesive that can be used to bond or repair most materials such as wood, metal, glass, ceramics, plastics and rubbers. The product cures in 30 minutes with high bond strength and chemical resistance.

- EXCELLENT ADHESION
- HIGH BINDING STRENGTH

WORK TIME

30 min

COLOR

Transparent

HARDNESS

78-80 D

VISCOSITY

15000 - 20000

PROPERTIES

MIXED

Mix ratio

1: 1

Mix viscosity (25 ° C)

15,000 - 20,000 Not

Work time

30 minutes

Specific density

1.1

Installation time

2-3 hours

Shore D hardness

78-80

Shear strength (N / mm²)

18-24

Peel strength (N / mm)

3-5

Thermal conductivity (W / mK)

0.1

Coefficient of thermal expansion (1 / K)

60-120 x 10 E⁻⁶

Dielectric strength (kv/ mm)

50-90

Volume resistivity

3-5 x 10 E¹²

Operating temperature

-40 ° F to 250 ° F

KEOL

EPOXY ADHESIVE



SURFACE PREPARATION

To obtain maximum performance from **430 adhesive from the K-POXY range**, it is essential that all substrates are clean, dry and free from surface contaminations such as oil or grease.



MIXING THE PRODUCT

Mix the epoxy adhesive from Part A to Part B in equal amounts. Mix the two pieces as much as possible for optimum performance. Epoxy can be dispensed, metered, mixed and applied directly to the bonding surface.



APPLICATION OF THE PRODUCT

After mixing, **430 adhesive from the K-POXY range** should be applied directly to the surfaces to be bonded. If an insert is to be glued into a socket or bend, the surfaces to be fixed slightly rotating the units will eliminate any air entrapment and completely wet both surfaces. Side-to-side connections must be supported. 0.005 inch (5 mil) adhesive thickness provide maximum bond strength.



NOTE

The information, and particularly the recommendations regarding the application and the KEOL products, are given to you in good faith and are based on current knowledge and experience of the products having been properly stored, handled and applied under normal conditions.

KEOL cannot take responsibility for the results obtained by others since we have no control over their method.

It is up to the user to determine the suitability of the products for the specific application for any method. production costs mentioned in this document. Also, it is up to the user to adopt the necessary precautions as recommended for the protection of the establishment and the people against any kind of risks which could arise during the handling and the use of the products.

KEOL cannot assume all the guarantees mentioned or implied, including guarantees of market value. or compliance for a specific reason, arising from sales or use of KEOL products. KEOL cannot assume liability for incidental consequences or damages of any kind, including lost profits.

Users should always refer to the most recent edition of the technical data sheet for the product concerned. Copies of this document will be provided upon request.