

KEOL

EPOXY ADHESIVE

K-POXY 6251

2C



6251 adhesive from the K-POXY range is a hardened industrial grade epoxy adhesive of medium viscosity with a long open time. This adhesive forms a strong, off-white bond line that offers excellent peel and shear resistance with very high environmental strength.

- EXCELLENT ADHESION
- HIGH BINDING STRENGTH

CHEMICAL BASIS	Epoxy
WORK TIME	60 min
COLOR	Off-white
HARDNESS	75 D
VISCOSITY	30000 - 40000

PROPERTIES	MIXED
Mix ratio	1: 1
Color	Off-white
Mix viscosity (25 ° C)	30,000 - 40,000 Pa.s
Work time	60 minutes
Specific density	1.11
Installation time	4-6 hours
Shore D hardness	75
Peel strength (N / mm)	6-8
Elongation%	9
Tensile strength psi	3,500 - 4,800
The duration of the conversation	12 months
Thermal conductivity (W / mK)	0.1
Operating temperature	-40 to 250 ° F
Coefficient of thermal expansion (1 / k)	60-120 x 10 E ⁻⁶
Dielectric strength (kv/ mm)	50-90
Volume resistivity	3-5 x 10 E ¹²

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SURFACE PREPARATION

To obtain maximum adhesive performance **6251 adhesive from the K-POXY range** is essential that all substrates are clean, dry and free from surface contamination such as oil or grease.



MIXING OF THE PRODUCT AND STRENGTH

Mix **6251 adhesive from the K-POXY range**, from part A to part B in equal quantities. Mix the two parts thoroughly for optimal performance. Epoxy can be dispensed, metered, mixed and applied directly to the bonding surface.



APPLICATION OF THE PRODUCT

After mixing, the **6251 adhesive from the K-POXY range** must 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 lightly rotating the units will eliminate any air entrapment and completely wet both surfaces. surfaces. Edge-to-edge collages must be supported. 0.005 inch (5 mil) adhesive thickness will 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.

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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.