

# KEOL

## POLYURETHANE ADHESIVE

### K-PURE 196N



196N adhesive from the K-PURE range is a thixotropic, natural-coloured, odourless polyurethane adhesive specially designed for structural bonding of a wide range of thermosetting and thermoplastic materials, steel, aluminium, concrete, wood and glass.

- EXCELLENT ADHESION
- CHEMICAL RESISTANCE
- IMPACT RESISTANCE

CHEMICAL BASIS	Polyurethane
REACTION TIME	15 min
COLOR	Natural
HARDNESS	85 A
VISCOSITY	Thixotropic

PROPERTIES	COMPONENT A	COMPONENT B	MIXED
Chemical basis	Polyol	MDI	Polyurethane
Mixture to volume ratio	1.00	1.00	
Mixture to Weight Ratio	0.93	1.00	
Color * Gray color option	Natural	Whitish	Natural
Appearance	Liquid	Liquid	Thixotropic
Viscosity (mPas)	2,000	4800	50,000
Relative density	1.03	1.11	1.07
Application temperature (° C)			+10 / +30
Work time			15 min
Bonding time			60 mins
Full reaction time			720 min
Exothermic reaction temperature (° C)			30
Hardness (Shore)			85 A
Elongation (%)			190
Service temperature (° C)			-40 / +90
Storage time (months)			12
Storage temperature (° C)			+20 / +30

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### SURFACE PREPARATION

The strength and durability of bonded joints depend on proper pretreatment of the surfaces to be bonded. At a minimum, the gasket surfaces should be cleaned with a good degreaser to remove all traces of dust, dirt, oil and grease. The pretreatment of thermoplastic materials such as PVC, polycarbonate, polypropylene, PMMA, etc. can be carried out using a mixture of light ethers or isopropanol. The use of strong solvents is not recommended due to the risk of damaging the plastic surface. Pretreatment of other surfaces can be done using acetone or trichlorethylene. Never use gasoline or other solvents. If possible, perform mechanical abrasion to remove paint from surfaces (if necessary) and to increase strength and bond strength. Allow the pretreated area to dry before applying the adhesive.

### STORAGE OF THE PRODUCT

196N Adhesive from the K-PURE range has a shelf life of 12 months from initial production, provided it is stored in a cool, dry place, between +20 ° C and +30 ° C. The expiration date is indicated on the label. Once opened, cartridges will last until the expiration date (as long as the above conditions are met) leaving the last used mixer on the cartridge.

### 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.

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