

<b>Brand</b>	KGS
<b>Article</b>	KGS CA 1500
<b>Description</b>	Cyanoacrylate
<b>KGS article number</b>	19260
<b>Date</b>	November 2019



Note: This image is for illustration purposes only

## Advantages

- Thin adhesive joint
- Very fast curing
- Solvent-free
- Low viscosity
- High adhesion forces
- High tensile strengths
- Good UV stability
- Made in a modern ISO 9001 certified factory in Germany

## Possible applications

- Natural stone
- Stone
- Ceramics
- Porcelain
- Many plastics
- Metal
- Rubber

## Area of application

KGS CA 1500 is a fast hardening, single-component adhesive for use by craftsmen and in industry. Its wide range of uses enables bonding to the most diverse types of material, such as natural stone, wood, rubber and metal.

## Technical data

Basis	modified cyanoacrylate, ethyl ester
Colour	transparent
Film property	hard adhesive joint
Viscosity	according to the cone-plate method (1000 s <sup>9</sup> ), 1500 mPa.s (liquid)
Density according to EN 542	1.05 g/cm <sup>3</sup>
Softening range	from +80 °C
Time to reach functional strength	5 – 60 seconds (depending on the substrate)
Curing time (at +20 °C, 50% rel. humidity)	16 hours to reach final strength
Minimum working temperature	+7 °C
Temperature-resistant up to	+80 °C
Weather resistance	To prevent infiltration of the adhesive joint, cyanoacrylate bonds should be protected against weather influences (protective coating)
Aging process with hot steam	To prevent infiltration of the adhesive joint, cyanoacrylate bonds should be protected against weather influences (protective coating)

## Preparations

Acclimatise the adhesive before use. The parts to be bonded must be dry and free from dust and grease. Prior cleaning must be adapted to the material to be used. Prior grinding of the surfaces can increase the adhesive strengths. Prior priming of the surfaces can increase the adhesive strengths.

## Notes on processing

KGS CA 1500 is applied directly from the soft dosing bottle to one of the parts to be joined. The materials are then joined within the allotted time and pressed together until the functional strength is reached.

The reaching of functional strength very much depends on the relative humidity, the ambient temperature and the pH-value of the surface. Acidic surfaces retard the curing, while alkaline surfaces accelerate it.

An accelerator can be used to shorten the pressing time of CA 1500. Use one of the two KGS activators for this.

Cyanoacrylate adhesives harden with moisture and temperature.

Due to its low viscosity, KGS CA 1500 is incapable of bridging adhesive joints with a width of > 0.15 mm.

A permanently aging-resistant bond cannot be achieved with bare aluminium. Aluminium surfaces must be chemically pre-treated or painted.

## Cleaning

Uncured adhesive is cleaned off with KGS LF cleaner. Cured KGS CA1500 can only be removed mechanically.

## Storage

Original containers must be stored in a dry place, without direct sunlight, at a temperature between +15 °C and +25 °C.

Shelf life if unopened: 6 months.

If stored at around +6 °C (refrigerator): 12 months

## Container sizes

500 ml, sales unit: 20 pcs

## Accessories

- KGS activator in 200 ml spray can - 19264
- KGS activator in 5 litre canister - 19265
- KGS LF cleaner - 19258

## Labelling

Please refer to the safety data sheet for information

## Contact information

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## Personal protective equipment



Eye and face protection, protective gloves; see safety data sheet for details

## Important note

Our usage instructions, processing guidelines as well as product or performance data and other technical statements are only general guidelines; they merely describe the character of our products (specification/determination of values at the time of production) and services and do not constitute a guarantee within the meaning of Article 443 BGB (German Civil Code). Due to the wide variety of uses of the individual product and the respective special conditions (e.g. processing parameters, material properties, etc.), it is up to the user to carry out trials himself; our free application advice, whether verbal or written or with regard to tests, is of a non-binding nature. This document replaces earlier editions

## Disposal

Completely empty bottles can be disposed of via a waste processing company (in Germany INTERSEROH).

## Product dimensions

500 g bottle	220 x 96 x 48 mm
500 g bottle including the dosing tip	240 x 96 x 48 mm (± 1.0)
Filling weight	500 g

## Warning notes



Caution

## Packaging and label



c1500 (dozenetiket  
20x500g).pdf



20191014-c1500  
(PrintFile).pdf

Packaging unit	20 bottles in a carton
Sales unit per pallet for 500 g bottle	500 pcs
Packaging material	Carton
External carton dimensions (L x W x H)	403 x 323 x 186 mm
Shipping information	Not hazardous goods (refer also to safety data sheet)

## Revision history

Number	Date	By	Comments
0	November 11, 2019	OS	Initial version
1	November 21, 2019	HvD	Changed to new layout