

Brand	KGS
Article	KGS CA 1250
Description	Cyanoacrylate
KGS article number	19259
Date	November 2019



Note: This image is for illustration purposes only

Advantages

- Very 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 1250 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 ⁻¹), 280 mPa.s (liquid)
Density according to EN 542	1.05 g/cm ³
Softening range	from +80 °C
Time to reach functional strength	20 – 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 1250 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 1250. Use one of the two KGS activators for this.

Cyanoacrylate adhesives harden with moisture and temperature.

Due to its low viscosity, KGS C 1250 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 CA1250 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

KGS DIAMOND INTERNATIONAL
Industriestraat 2, 8081 HG Elburg
The Netherlands
Tel.: +31 (0) 525 683 300
Fax.: +31 (0) 525 683 530
sales@kgs.swiss

KGS Stone Northern Europe
Industriestraat 2, 8081 HG Elburg
The Netherlands
Tel.: +31 (0) 525 685 500
Fax.: +31 (0) 525 683 530
salesnl@kgs.swiss

KGS Winter GmbH
Alter Hellweg 96
44379 Dortmund
Germany
Tel.: +49 231 967 879 00
Fax.: +49 231 967 879 09
kgswinter@kgs.swiss

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



c1250 (dozenetiket
20x500g).pdf



20191014-c1250
(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)	405 x 294 x 165 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