

Everad® Green TAC 3005 A + 2016 B

Chlorine-free waterborne 2K contact adhesive for foams
Temporary technical datasheet (product development)

Description

Everad® Green AC 3005 A + 2016 B is a waterborne 2K adhesive. It makes an ideal substitute for solventborne contact adhesives used in the furniture industry.

This glue is chlorine-free.

Delivery form:

Everad® Green TAC 3005 A
1 100 kg container.
Everad® Green TAC 2016 B
230 kg drum, 1 050 kg container.

Base:

Everad® Green TAC 3005 A: Water-based polymer dispersion.
Everad® Green TAC 2016 B: Waterborne preparation.

Colour:

Everad® Green TAC 3005 A: White.
Everad® Green TAC 2016 B: Transparent.

Suggested use

For bonding foam to itself and other substrates, such as wood, textiles and other surfaces (after testing).
Everad® Green TAC 3005 A + 2016 B has high tack and strong cohesion as soon as it dries.
Before using, ensure through testing that the product complies with the expected use.

Processing

Processing:

Acclimatize all materials before application of the adhesive. Apply adhesive to both surfaces, mate and press together. The information is based on tests at a relative air humidity of 65% measured at 20 °C. Values may vary depending on material and working conditions.

Pre-treatment:

The substrate must be clean and free of dust and grease.

Application quantity:

100-150 g/m².

Application method:

2K low-pressure spray gun (Everad® TAC 2K-3 or similar), 100% airless spray gun Everad® TAC Noverspray 2K.

All parts in contact with the adhesive must be of chromium steel or stainless steel (316) or plastic materials. Definitely no coloured metals, aluminium or steel may be used.

Open time:

Approx. 10 minutes (depending on the quantity of adhesive).

Mixing ratio:

100: 20 according application.

Dilution:

Product is ready for use.

Press method:

A firm pressing operation on the substrates increases the final bond strength.

Final strength:

High initial strength. The ultimate strength is achieved after 24 hours.

Chemical and physical properties in liquid form

Density:

Everad® Green TAC 3005 A: Approx. 1.05 g/cm³.

Viscosity:

Everad® Green TAC 3005 A: Approx. 25 mPa·s (Brookfield B2V100).

Viscosity measured after production. Values may fluctuate up or down during the storage of the product.

pH value:

Everad® Green TAC 3005 A: 8.0.
Everad® Green TAC 2016 B: 2.0.

Minimum application temperature:

15-25°C.

Flammability:

As aqueous adhesive, non-flammable.

VOC content:

0%.

Frost resistance:

Frost sensitive.

Film properties

Surface:

Not tacky.

Softness:

Very soft.

Clean-up

Liquid adhesive with Everad® TAC Washer.

Dried adhesive with Everad® TAC Detergent 2.

Working safety

Please follow instructions on the safety data sheet.

There is no legal requirement of precautionary measures. To avoid the risk of allergy, it is advisable to work with gloves or protect hands with barrier cream. For spray application, we recommend wearing masks and working under an air extractor unit.

Storage

Everad® Green TAC 3005 A 3 months and Everad® Green TAC 2016 B 6 months, cool and dry in unopened original packaging, after production.

Guarantee

We guarantee the consistency and faultless quality of this product, manufactured in accordance with ISO quality standards, which has been developed on the basis of our long-standing experience with the recommended applications under the specified conditions. Material, processing, and application conditions may significantly influence product properties. Pre-application tests by the user are therefore essential. For non-specified applications or deviations in application conditions, we recommend that our technical support service be consulted first. Our general sales and delivery terms and conditions shall apply.