Collano Adhesives SA I Parc d'activités de la Mossig I F-67520 Marlenheim I France
T +33 (0)3 88 59 27 37 **F** +33 (0)3 88 87 67 93 **I E** contact@everad-adhesives.com
www.everad-adhesives.com

CONTACT -> contact@everad-adhesives.com
We look forward to providing you with more information about our latest innovations.

Everad® TAC 4650.0

Waterborne 1K contact adhesive for foams, aircraft FAR 25.853 and ABD 0031 certifications

Description

Everad® TAC 4650.0 is a water based 1C adhesive with fast setting. It makes an ideal substitute for the solventborne adhesives used in industry.
Everad® TAC 4650.0 has passed the aircraft industry requirements by obtaining the FAR 25.853 (Boeing) and ABD 0031 (Airbus) certification.

Delivery form:
20 kg Cubibox, 20 kg bucket, 22 kg Canister.

Base:
Water-based polymer dispersion

Colour:
Rosa

Suggested use

Everad® TAC 4650.0 is designed to be used in the bondings in the aircraft industry (foam, fabrics…).
Everad® TAC 4650.0 offers high tack and high cohesion after drying.
Other applications are possible after trials. Before any industrial application, validation trials are necessary.
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.
Singles side application is possible after preliminary testing.
The information of Everad® TAC 4650.0 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:
70-150 g/m²

Application method:
1K low-pressure spray gun Everad® TAC Premium 1K (nozzle to define with our application centre).
All parts in contact with the adhesive must to be of chromium steel or stainless steel (316) or plastic materials. Definitively no coloured metals, aluminium or steel may be used.

Open time:
Approx. 20 minutes at 20 °C

Dilution:
Do not dilute. Dilution reduces the adhesive properties.

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

Final strength:
After 24 hours. Parts can be processed immediately after bonding.

Chemical and physical properties in liquid form

Density:
1.11 g/cm³.

Viscosity:
Approx. 1 800 mPa.s (Brookfield B2V20).
Viscosity measured after production. Values may fluctuate up or down during the storage of the product.

pH value:
Approx. 9.0.

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

Cool and dry in unopened original packaging 6 months after production.