

## Everad® TAC 4976.2

Waterborne 1K contact adhesive for foams  
Temporary technical datasheet (product development)

### Description

Everad® TAC 4976.2 is a water-based 1K adhesive with fast setting. It makes an ideal substitute for the solvent-borne adhesives used in industry, trades and crafts.

**Delivery form:**

600 kg Cubitank. 1 100 kg Container.

**Base:**

Water-based polymer dispersion

**Colour:**

White.

### Suggested use

For bonding foam to itself and other substrates, such as wood, textiles and other surfaces (after testing). Everad® TAC 4976.2 offers high tack and good cohesion after drying. 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 4976.2 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/m<sup>2</sup>.

**Application method:**

1K low-pressure spray gun (Everad® TAC Premium HVLP 1K; nozzle to define with our technical centre) or roll machine (chromium steel or stainless steel rolls).

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. 15 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/cm<sup>3</sup>.

**Viscosity:**

Approx. 2 500 mPa.s (Brookfield B2V20).

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

**pH value:**

Approx. 9.

**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 3 months 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.