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We look forward to providing you with more information about our latest innovations.

Everad® SKE 3903.21

Adhesive for foam bonding

Description

Everad® SKE 3903.21 is a very fast-setting, solventborne adhesive.

Delivery form:

Can 30 litres.

Base:

Synthetic rubber and resins in solvent.

Color:

Light yellow.

Suggested usage

Everad® SKE 3903.21 presents good adhesion to foams, textiles, wood, wood laminates and other materials. Everad® SKE 3903.21 is used in the furniture and foam industry to bond synthetic foams to each other and to other substrates, such as wood, plywood and fibre board, textiles, etc. Other applications are possible after preliminary testing.

Bonded joints under stress may not be exposed to elevated temperatures.

Before using, ensure through testing that the product complies with the expected use.

Processing

Processing:

Acclimatize all materials before application of the adhesive. The information of Everad® SKE 3903.21 are 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 plane, clean and free of dust and grease. Shake adhesive before use.

Application quantity:

Approx. 80–120 g/m² depending on material.

Application method:

Spray-coat one or both surfaces from a pressurized container or with the aid of a pump,

- Air pressure: 4-5 bar,
- Pressure in the pressurized container: 0.5-1.0 bar,
- Diameter of spray nozzle: 1.5 mm.

The product may also be applied by brush, depending on the material.

Open time:

Single side application: 2–5 minutes, depending on the quantity of adhesive.

Double side application: 2–10 minutes, depending on the quantity of adhesive.

Dilution:

With Everad® SKE Solvant K.

Press method:

In any event, apply high contact pressure.

Final strength:

Setting starts immediately after the adhesive has been applied and the parts have been pressed together. The ultimate strength is achieved after 48 hours.

Chemical and physical properties in liquid form

Density:

0,800 g/cm³.

Viscosity:

Approx. 140 mPa·s (Brookfield B2V100).

Viscosité mesurée après fabrication. Les valeurs peuvent subir des fluctuations à la hausse ou à la baisse lors du stockage du produit.

Flammability:

Flammable.

Film properties

Surface:

Cohesive, soft and flexible bonded joint. Does not embrittle.

Surface is slightly tacky.

Temperature resistance:

Adhesive film softens at 60 °C (internal test Everad).

Clean-up

Everad® SKE Solvant K.

Working safety

Please follow instructions on the safety data sheet.

Everad® SKE 3903.21 contains volatile solvents and is flammable. We recommend working with it under extraction or in a very well ventilated room. Observe the safety precautions for processing flammable products. Do not smoke, weld, use naked flame, etc. To avoid the risk of allergy, it is advisable to work with gloves or protect hands with barrier cream. Do not empty adhesive residues into the drains.

Storage

Cool and dry in unopened original packaging 9 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.