

Everad[®] SBE 4213

Sprayable polychloroprene contact adhesive

Description

Everad[®] SBE 4213 is a solvent-borne contact adhesive for application to both surfaces.

Delivery form:

1 000 litres container.

Base:

Synthetic rubber and resins in solvent.

Color:

Rosa

Suggested usage

Everad[®] SBE 4213 bonds all types of insulating panels on porous substrates (wood, etc) and non-porous substrates (metal, etc except copper and alloy).

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

Processing

Processing:

Acclimatize all materials before application of the adhesive. Spray-coat on both surfaces. The information of Everad[®] SBE 3419 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 plane, clean and free of dust and grease. Shake adhesive before use.

Application quantity:

Approx. 100-150 g/m² per surface depending on material.

Application method:

Spray-coat on 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.
- Gun distance: 30-50 cm.

The product may also be applied by brush, depending on the material. In this case, we recommend to apply twice the glue with drying time inbetween.

Open time:

Approx. 30 minutes at 20 °C.

Drying time:

Between some decades seconds and 10 minutes according the substrates.

Substrates sensitive to solvents like extruded or expanded polystyrene must be bonded on an automatic line (with a glue-heater at a temperature of 25-35°C before spraying; the panel is then dried in a tunnel immediately after spraying of the glue (ventilated air at 50-70°C).

Dilution:

Everad[®] SBE Solvent MK.

Press time:

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 72 hours.

Chemical and physical properties in liquid form

Density:

0.800 g/cm³.

Viscosity:

Approx. 130 mPa.s (Brookfield B2V100).

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

Flammability:

Flammable.

Film properties

Surface:

Firm, cohesive, remains flexible and will not become brittle.

Temperature resistance:

Adhesive film softens at 90 °C (internal test Everad[®]).

Clean-up

Everad[®] SBE Solvent MK.

Working safety

Please follow instructions on the safety data sheet.

Everad[®] SBE 4213 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.