

## Everad<sup>®</sup> RSM 8011.1

Highly elastic, spreadable one part adhesive

### Description

Everad<sup>®</sup> RSM 8011.1 is a one component glue based on modified silane formulation.

The product is free of isocyanate, silicon oil, halogens, water and solvent.

#### Delivery form:

21 kg alu bags (3 \* 7 kg in a plastic bucket).

Palette of 33 alu bags.

#### Base:

Modified silane formulation.

#### Curing mechanism:

Everad<sup>®</sup> RSM 8011.1 cures by reaction with atmospheric and substrate moisture, resulting in a tough, semi-structural adhesive and sealant.

#### Colour:

Caramel.

### Suggested use

Well spreadable paste adhesive for industrial applications.

Convenient for elastic bonding of metals, plastics, glass and ceramics on wood or other materials with a moisture permeable surface.

Not suitable for bituminous substrates, PE and Teflon.

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

### Processing

#### Processing:

Acclimatize all materials before application of the adhesive. Singles side application. The information of Values may vary depending on material and working conditions.

#### Pre-treatment:

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

Remove grease with an appropriate cleaning agent.

#### Application:

Apply homogenously with a spatula or other convenient application tools on the substrate.

#### Application temperature :

From +15°C to +35°C (with 45% HR).

#### Application quantity:

300-1500 g/m<sup>2</sup> depending on application.

#### Skining time:

Approx. 65 minutes.

This time decreases when temperature and relative humidity increase. It is necessary to verify the open time is not too long to avoid any defected bonding.

#### Curing :

Depending on application quantity and temperature and humidity conditions.

#### Curing rate :

Approx. 2 mm/day, measured on bead in normalised, environmental conditions (23°C/50% HR).

### Chemical and physical properties

#### Density:

1.54 g/cm<sup>3</sup>.

#### Aspect:

Pasty

#### Curing mechanism:

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#### Shore A Hardness (ISO 868-3 seconds):

Approx. 46.

#### Rupture elongation (ISO 37):

200%.

#### Rupture module (ISO 37):

1.9 N/mm<sup>2</sup>.

### Film properties

#### Surface:

Not tacky.

#### Softness:

Very soft.

#### Water resistance :

Good.

#### Moisture resistance :

Good.

#### Temperature resistance :

-40°C to +90°C (with short exposure +120°C).

#### Cohesive resistance (ISO 37 DIN 53504):

>1.9N/mm<sup>2</sup>.

### Clean-up

Uncured product can be removed from tools and equipment using BKP solvent or ethanol.

Cured product can only be removed mechanically.

### 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.

Please respect the recommendations of the material safety data sheet.

### Storage

Cool and dry in unopened original packaging 6 months.

### 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.