

AAG Rubber Seal 320

Technical data sheet

Product Information:

Phthalatefree construction adhesive for faster mounting of heavy and light materials.

General description and typical applications:

AAG Rubber Seal 320 is a neutral adhesive, curing by humidity from air. The adhesive is free of solvents and phthalates. Forms a strong but still elastic joint which can take up movements from joining building sections.

AAG Rubber Seal 320 is odourless, fast curing, and has a remarkable resistance to climatic influence

AAG Rubber Seal 320 is suitable for in and outdoor, on the wall, roof and floor. Good when mounting of mirrors, panels and different types of construction boards shall be fast and safe. Adheres to a wider selection of materials; wood, glass, concrete, bricks, fibre glass, painted surfaces, Perspex, PVC and some types of rubber.

Physical / chemical properties:

Adhesive:

*Type: Humidity curing, neutral Silane Modified Polymer (SMP), 1-component
Contains fungicide: No
Consistency: Thixotropic
Shelf life: Minimum 12 months in tightly closed packing if stored cool.
Packaging: 12 290ml per box.*

Cured adhesive:

*Paintable: Yes.
Hardness: Approximately 60 Shore A (ISO 868)
Tensile strength: 1.9 N/mm² (ISO 8339)
Secant- modulus (50%elongation): 2.1 N/mm² (ISO 8339)
Resistance: Temperature: approx. -40 °C to +90 °C
Climatic ageing: Good.*

AAG Rubber Seal

AAG Rubber Seal is the most versatile adhesive in our portfolio. The product is protected towards UV exposure and have been tested in QUV chamber for more than 11000 hours without degradation. Practical experience is more than 15 years depending on exposure.

The product is suitable in different environment like Maritime environment both above and under sea water.

The product is not tested for use according to MED directive.

AAG Rubber Seal 320

Technical data sheet

Directions for use:

Preparation: All surfaces must be clean, dry, free of grease, dust and loose particles. AAG Rubber Seal 320 can be used on surfaces like bricks, concrete, wood, glass, most metals, most painted surfaces and several plastic and rubber-types.

In practice, variations can occur in the different materials, therefore it is always recommended to carry out sufficient bonding tests before starting – in particular larger – applications.

Applications temperature: Can be applied at temperatures from +5 °C to +40 °C.

Application: AAG Rubber Seal 320 is applied in lines at the substrate or at the materials to be bonded, in distances of 5-20 cm, depending on the required strength. Some applications might require special techniques, always follow the instructions from the supplier.

Yield: 2 – 3 m²/cartridge, depending on dimensions and required strength.

Assembling time: 5 - 10 minutes, depending on the type of substrate, materials and temperature. Surface dry after 1 to 1.5 hours.

Assembling: The materials are pressed carefully to the substrate.

When mounting heavy materials, or for special applications, it might be necessary to support the materials during the curing process.

The adhesive will cure in 1 – 2 days, depending on materials and the type of application. A humid and warm room will speed up curing time.

Mounting of mirrors: The adhesive is applied in vertical strings with approx. 10 cm distance. The mirror should be supported for 2 days after mounting.

Mounting of acoustic boards: AAG Rubber Seal 320 is applied in 4 strings at the backside of the board. The board is then mounted with a firm pressure. Normally additional support is not necessary.

Cleaning: Tools can be cleaned – and adhesive removed – f.ex. heptane, white spirit or Wipes 915. Cured adhesive can only be removed mechanically. Hands should be washed with water and soap.

Safety:

Hazard symbols: None

For further information, please refer to Safety Datasheet.

The information and data contained in this Product Information sheet are based on extensive laboratory testing and our practical experiences, and are meant for helping the user to find optimum working methods. As the conditions at the user are beyond our control, we make no warranties concerning the results, achieved by the products. The information's in this Product Information sheet are typical values, intended as a guideline. They should not be regarded as product specifications. Please also refer to our standard sales conditions and terms of delivery.