

Technical product data sheet

RAUBOND fire.protect A1 114 fire protection adhesive

Range of application

RAUBOND fire.protect A1 114 is used for bonding RAUVISIO innara fire.protect panels. Please note that the surfaces must be clean and load-bearing. Before use, apply test patches to ensure adhesion and check compatibility with the surface. In particular, moist surfaces and surfaces containing calcium sulfate should be avoided.

Properties and application instructions

The product is a solvent-free, non-flammable, single-component adhesive characterized in particular by its high content of physically and chemically bound water. The pasty product has good long-term adhesion and high strength. The adhesive is resistant to organic solvents and diluted acids. Setting takes place by exposure to air and can be accelerated by increasing the temperature. The temperature at the time of adhesive setting should not exceed 60–80 °C to avoid the formation of vapor bubbles. Work equipment, clothing or areas of skin which come into contact with adhesive can easily be cleaned with water before setting.

Product data

Color	whitish
Viscosity at 20°C	75,000 ±5,000 mPas (during manufacturing)
Density at 20°C	1.75 ±0.05 g/cm ³
pH Value	11–12
Calorific value	approx. 400 J/g
Shelf Life	12 months (stirring required)
Open time	max. 30 min
Curing time	approx. 24 hours
Hardening time	approx. 1 week

Table 1: Product properties

Storage

The shelf life of the adhesive in an unopened container is at least 12 months from the date of manufacture, where the storage temperature should be between +5 and 20 °C. During storage, small amounts of liquid may thicken and set on the surface of the container due to separation. The adhesive must be stirred and homogenized sufficiently each time it is used. It is essential to keep the containers closed, as otherwise a skin may form.

Delivery container

16 kg PE bucket

Note

The information contained in this leaflet is the result of our knowledge and experience. It reflects the best of our knowledge and is intended to serve as advice for our customers. It is non-binding information. Property rights of third parties must be observed.

The information provided is based on the results of testing we have carefully carried out. In individual cases, however, it does not replace preliminary testing, which is essential for the intended use of the respective product.

We reserve the right to make changes in response to technical progress or operational developments. Furthermore, compliance of the product with the applicable legal regulations should always be ensured. The manufacturer can provide further information and send the necessary technical documents at any time.