

Technical leaflet

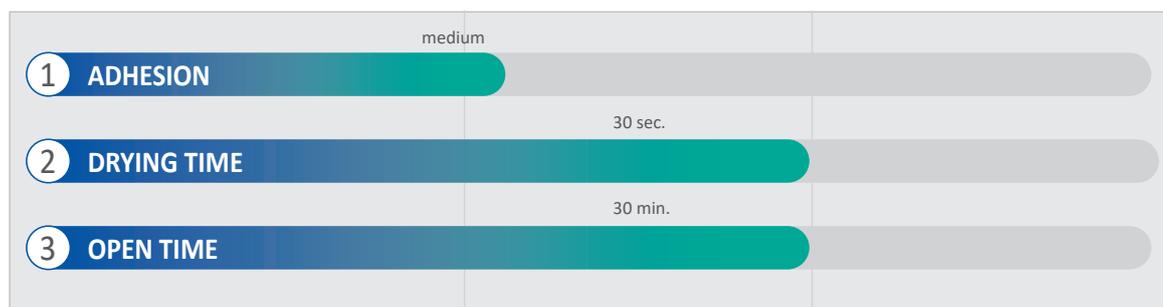
GLUKON[®]matrix 100 is a specially developed spray adhesive that reliably fixes the reinforcing fibres during the infusion process in resin transfer moulding (RTM). The rapid drying time ensures that layers can be built up with minimal waiting time. The very fine GLUKON[®]matrix 100 web spray quickly covers the bonding surfaces. The high heat resistance of 110 °C also allows use of the adhesive in pre-heated moulds, e.g. for injection moulding PU materials. GLUKON[®]matrix 100 is also ideal for use as a full-area contact adhesive. For this purpose, the adhesive is applied to both materials to be bonded.

Features

- Rapid drying in 30 sec.
- Open time approx. 30 min.
- Can also be used as a full-area adhesive
- Fine web spray surface
- High heat resistance of 110 °C
- Available in a 13 kg gallon drum and 500 ml aerosol can

Application areas

- Vehicle and aircraft construction
- Three-dimensional mould construction
- Wind turbine construction
- Shipbuilding
- and much more



Technical details

- Solid content 34%
- Transparent in colour
- Fine web spray
- Amount covered pressure tank 80-160 m²
- Amount covered aerosol can 4-8 m²

Materials

- Light mats
- Fibreglass mats / Glass fibre mats

matrix 100

Application

- USE ONLY IN A WELL VENTILATED AREA
- Spray distance to the surface approx. 10 cm
- Hold the gun perpendicular to the surface to be sprayed
- Apply an even layer of adhesive to the surface
- Allow the adhesive to flash off before bonding until the adhesive no longer pulls threads.
- For demanding applications, the adhesive can be applied to both surfaces, to increase the adhesive strength
- Then join the materials together under pressure. After pressing, the materials can be processed immediately

Storage

Protect from extreme temperatures in a controlled environment between 15 and 35 °C and from direct sunlight . Do not store or place on a cold concrete floor. Low temperatures can lead to irreparable detachment of the adhesive. Stored under the correct conditions in the original unopened container. The product has a shelf life of 12 months.
PROTECT PRODUCT FROM FROST

Disclaimer

We always recommend trying the adhesive on your materials first. Please refer to our technical leaflets and the adhesive recommendations of the respective material manufacturer. It is important to test all materials to be bonded before production. The person using the product is responsible for checking whether **GLUKON[®]matrix 100** is suitable for the respective application. **Industrial adhesive.**
Exclusively for commercial applications.

Note

The above details are based on results in practice and tests undertaken by us. As we have no influence on the choice of materials or the conditions of use, all details are non-binding information and, as such, no guarantee of characteristics. This also applies to instructions from our technical advice service. Publication of this technical leaflet renders all previous ones invalid. The contents of this data sheet may only be reproduced, copied or used for other purposes as extracts with the consent of Böker Sprühklebersysteme GmbH. Breaches will be prosecuted under criminal law.