

## DATA SHEET

# RENOLIT ALKORGLUE SOLVENT-FREE GLUE FOR GEOTEXTILES - TYPE 81046

### Application:

RENOLIT ALKORGLUE 81046 glue is an all-purpose, water-based adhesive free of ORGANIC SOLVENTS. Its composition makes it suitable for direct gluing of polypropylene geotextiles (81006) onto delicate surfaces such as expanded polystyrene. It is also suitable for gluing PVC-P pool liner membrane onto the geotextile or directly onto shock polystyrene surface, concrete, etc.

### Technical data:

➤ Base:	Water-based
➤ Colour:	Beige
➤ Viscosity:	25,000 - 45,000 mPa·s
➤ Solid Content:	Approx. 71-75%
➤ Density:	1.25 +/- 0.012 g/cm <sup>3</sup>
➤ Flash point:	NOT FLAMMABLE

### Description:

RENOLIT ALKORGLUE 81046 for swimming pools is a solvent-free adhesive and therefore NON-FLAMMABLE. The curing time is very short, with the option of wet, semi-wet or contact gluing. It can be applied either on one of the faces or both.

Final strength is good, on the surfaces on which it has been tested (geotextiles on a polystyrene or concrete surface). The PVC-P sheet also has good adhesion on the geotextile or directly onto a polystyrene surface. It has good elastic properties. The product is also suitable for floor coverings with homogeneous or multilayer PVC, or expanded vinyl with relief.

### Use:

The surface must be clean, dust-free and as flat and even as possible. To achieve this, unstable layers which might reduce adhesion should be removed by sanding or milling followed by vacuum cleaning.

The glue should always be applied with a spatula, serrated depending on the surface material. The yield will depend on the spatula chosen, which in turn will depend on how rough the surface is.



Moisture should not exceed 2.5% on concrete or cement surfaces.

Once the adhesive has been applied, it will be possible to place the geotextile or membrane on the surface for about 45 minutes. Once the liner has been placed, pressure should be applied with a roller in order to remove any grooves in the adhesive produced by the spatula, and thus preventing the formation of air pockets.

Stains or traces of wet adhesive can be removed with water. Once dry, they can be removed mechanically.

**Format:**

20 kg bucket approved for sea transport.

**Duration:**

18 months.

**Yield:**

A-1 serrated spatula: 150 g/m<sup>2</sup>

A-2 serrated spatula: 250 g/m<sup>2</sup>

B-2 serrated spatula: 350 g/m<sup>2</sup>

**Storage:**

Store at 10 to 30 °C. Protect from freezing. NON-FLAMMABLE product.

**For further information:**

See material safety data sheet