

Technical Data Sheet

RENOLIT CEM 805 Mastic glue

For sealing the overlaps in the **RENOLIT** ALKORPRO system.

DESCRIPTION

The mastic glue **RENOLIT** CEM 805 is an odorless adhesive/sealant which reacts with atmospheric moisture to create an elastic vulcanized rubber seal with an excellent adhesion on most construction material.

The **RENOLIT** CEM 805 is made of MS polymer adhesive and sealing compound with broad adhesion spectrum. It is neutral curing, non-corrosive, and has virtually no odor. It does not contain solvents, halogen, silicone or isocyanates.

It is resistant to rain condition and has good resistance to chemical agents and UV.



APPLICATIONS

The **RENOLIT** CEM 805 mastic glue is mainly used for the sealing of the overlap for the **RENOLIT** ALKORPRO membrane. It also allows the bonding of the **RENOLIT** ALKORPRO membrane on a lost formwork or on the vertical support. It is compatible with PVC, glass, metals, concrete, and wood. But however, it is not compatible with bitumen which causes migrations of plasticizer.

REGULATIONS & STANDARDS

- CE Marking - EN 15651-1.

STORAGE & HANDLING

RENOLIT CEM 805 mastic glue should be stored dry and protected from severe weather conditions and direct sunlight. The storage temperature should be between + 5 ° C and + 30 ° C.

Code	Description	Packaging
75000029	**Adhesive mastic glue RENOLIT CEM 805** For the perfect sealing of the overlaps between the **RENOLIT** ALKORPRO membrane and singular points. Color: white	Cartridge 290 ml 20 units per box
75000030	**Adhesive mastic glue RENOLIT CEM 805** For the perfect sealing of the overlaps between the **RENOLIT** ALKORPRO membrane and singular points. Color: white	Sausage 600 ml 12 units per box

RENOLIT Ibérica, S.A.
Crta. del Montnegre, s/n | 08470 Sant Celoni | Barcelona
Tel. +34 938 484 000
renolit.iberica@renolit.com
www.renolit.com/civilengineering

RENOLIT
Rely on it.

RENOLIT ALKORPRO
Fully bonded membrane



ESSENTIAL FEATURES

Properties	Test standard	Units	Performance
Material basis	-	-	MS-Hybrid Polymer
Specific weight	EN 1183-1	g/cm³	1,46
Skin forming time (23°C/50% r.F.)	-	-	EN 1183-1
Shore A hardness	DIN 53505	-	45 units
Cure rate (within first 24 hours)	EN 7390	mm	≤3
Elastic recovery of sealants	EN 7389	%	<40
Tensile properties -Tensile strength -Elongation at break	EN 8339	N/mm² %	Approx. 1,2 ≥25
Volume loss	EN 10563	%	≤25
Adhesion/cohesion properties of sealants at constant temperature	EN 9046	-	No fail
Determination of adhesion properties of sealants after immersion in water	EN 10591	%	≥25
Reactions to fire	EN 11925-2	-	Class E
Watertightness of the sealant on a concrete support	ASTM D 5385 3,0mm/500kPa	-	Watertight
Sealing of overlaps between **RENOLIT ALKORPRO** membranes	ASTM D 5385 20mm/690kPa	-	Watertight
Watertightness on cracked concrete support	ASTM D 5385 0,4mm/500kPa	-	Watertight
Application Temperature (sealant and substrate)	-	°C	+5 up to +35
Temperature stability range (fully cured sealant)	-	°C	-40 up to +80

RENOLIT Ibérica, S.A.
Crta. del Montnegre, s/n | 08470 Sant Celoni | Barcelona
Tel. +34 938 484 000
renolit.iberica@renolit.com
www.renolit.com/civilengineering

RENOLIT
Rely on it.

2021-06



INSTALLATION

The contact surface must be dry, firm and free of dust and grease (clean with isopropanol, if necessary).

- Before applying the sealant to a concrete substrate, remove any suspension of cement, release agents, curing agents, etc., or any other substance that may inhibit adhesion.
- On coated support (paints, lacquers), compatibility with the sealant must be tested before application.

The application of the mastic **RENOLIT** CEM 805 can be made by hand or by electric machine powered gun.

The assembling of the **RENOLIT** ALKORPLAN membrane with the **RENOLIT** CEM 805 mastic consist in putting a continuous bead of mastic in between the overlaps.

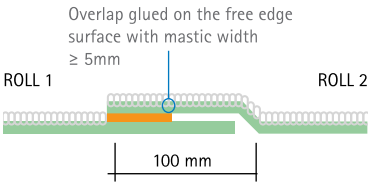
- For the longitudinal direction, the bead of mastic will be installed on the free edge, the minimum overlap measures 100m, the width of the mastic bead needs to be at least 5mm.
- For the transversal direction, the bead of mastic will be installed on the fleece surface, the minimum overlap measures 100m, the width of the mastic bead needs to be at least 5mm.

Shortly afterward the installation, compress the overlaps with a roller to ensure a complete adhesion

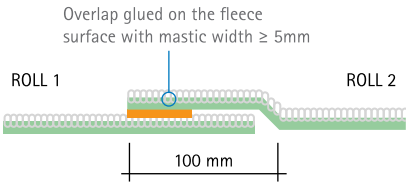


Sealing by mastic glue **RENOLIT** CEM 805.

"Mastic glue sealing" for longitudinal overlap.



"Mastic glue sealing" for transversal overlap.



Once the mastic cure is finished, a self-checking by peel test is then carried out to ensure that both edges are properly glued.

These data are statistic figures according to Harmonized European Standards. This document cancels and replaces any other document previously published. In order to improve his products, the manufacturer reserves the right to change them without prior notice.

RENOLIT Ibérica, S.A.
Crta. del Montnegre, s/n | 08470 Sant Celoni | Barcelona
Tel. +34 938 484 000
renolit.iberica@renolit.com
www.renolit.com/civilengineering

RENOLIT
Rely on it.