

GLACIVAP

PRIMER AND PORE-FILLER FOR CIVIL ENGINEERING APPLICATIONS

USE

GLACIVAP is a cold-applied, solvent-borne polyurethane-modified bitumen primer/pore filler.

This primer is used to prepare the concrete substrates of civil engineering structures bridges and car parks for the heat welding of a bituminous waterproofing membranes. It serves both as a primer and a pore filler (this product limits the risk of blistering).

For sidewalks, pedestrian traffic or cycle bridges, the asphalt wearing course can be reduced to a thickness of 30 mm with the use of GLACIVAP.

On the main part of the bridge, GLACIVAP reduces the thickness of the asphalt wearing course to a minimum of 50 mm, allowing significant savings.



APPLICATION

It is applied by brush, roller or squeegee onto a clean, dry substrate, shotblasted in advance. It is recommended that the product be applied in a single coat, approx 800g/m².

Its drying time on a concrete substrate varies according to the weather conditions and the thickness of the coat (dry to the touch after 3h and minimum 24h before applying the waterproofing membrane). It is preferable to apply the product onto a substrate when its surface temperature is falling (generally in the afternoon).

DESCRIPTION

GLACIVAP is a homogeneous mixture of solvent-borne polyurethane-modified bitumen, which cross-links after application. Thanks to its low viscosity, it fills in the small irregularities in the concrete and after cross-linking, resists the pressure of the air and water vapour contained in the concrete which can cause blistering, thus serving as a pore filler.

SOPREMA prides itself in working with the highest quality products. We operate with quality assurance systems and are certified ISO 9001.

SAFETY

GLACIVAP is a highly flammable product. The following rules must be followed:

- Keep away from any source of ignition during use.
- Before using a naked flame, the containers must be moved at least 10 metres away, whether or not they have been opened.
- Do not breathe in the fumes. If there is insufficient ventilation, use appropriate breathing apparatus.
- In a closed area, create a draught, using forced ventilation if necessary, and provide external surveillance.

- ✓ Single-component
- ✓ Primer and pore-filler functions
- ✓ Reduce the thickness of wearing surfaces

ESSENTIAL CHARACTERISTICS	Standard	GLACIVAP
Physical state		Homogeneous black liquid
Density at 20°C	NF T 30-020	970 kg/m ³
Dry matter	EN 3251	Approx. 75% weight
Adherence with ANTIROCK P (at 20°C)	NF P 98-282 EN 13596	> 0.4 MPa > 0.8 MPa
Viscosity (measured 24 hrs after manufacturing)		Approx. 450 mPa.s
Flash point	ASTM D 56	20°C
Min. application temp.	5°C	
Quantity to be applied	800 g/m ² on concrete in one coat	
Drying time	Dry to the touch after 3h depending on the conditions of application Minimum 24h before applying the waterproofing membrane	

PACKAGING

Can	20 kg
Number of cans per pallet	20 cans
Storage	Approx. 12 months in its original container, tightly sealed

CERTIFICATION

GLACIVAP is used as an adhesion primer for the following certifications:

France: CEREMA Technical Approvals (with ANTIROCK P)
SNCF approvals (with ANTIROCK P)