

Mapeplan[®] ADS 200

Policloroprenic monocomponent solvent adhesive for double coating (contact adhesive), to bond PVC-P synthetic waterproofing membranes Mapeplan and Mapeplan Af on vertical, horizontal and sloping surfaces

APPLICATION FIELDS

Bonding to vertical up stands on perimeters, walls, kerbs around rooflights, chimney's and plant supports. For use in combination with PVC-P **Mapeplan** membranes.

Flat sloping and pitched roof applications. For use on adhered exposed roofing systems with PVC-P **Mapeplan Af** membranes, with non-woven polyester fleece backing.

Some examples of application

Fully bonding of synthetic waterproofing membranes **Mapeplan** and **Mapeplan Af**, on vertical, horizontal and sloping surfaces and substrates resistant to solvents, such as:

- cement plasters;
- cement slabs and substrates;
- concrete screed lightened with EPS or expanded clay;
- PUR & PIR insulation boards and panels coated with glass fiber;
- wooden planking, multilayer wood (Plywood), oriented-fiber wood (OSB);
- metal sheets.

TECHNICAL CHARACTERISTICS

Mapeplan ADS 200 is a double coating adhesive based on policloroprenic rubber in solvent solution.

Mapeplan ADS 200 has a low viscosity and immediate grip.

It is easily applied on horizontal and vertical surfaces. **Mapeplan ADS 200** is the specific adhesive for PVC-P **Mapeplan** waterproofing membranes. After curing it achieves high adhesion and elasticity. The temperature and ageing resistance are excellent.

RECOMMENDATIONS

Never thin **Mapeplan ADS 200** with solvents. Do not apply **Mapeplan ADS 200** directly on dusty, friable and inconsistent surfaces. Do not apply **Mapeplan ADS 200** on surfaces contaminated by oils, grease, or dirt. Apply **Mapeplan ADS 200** on compact, smooth and regular surfaces and substrates which are resistant to solvents.

APPLICATION PROCEDURE

Preparation of substrate

The plaster, concrete and screeded concrete surfaces to be treated must be clean and free of loose materials, nibs and hollows and as smooth as possible.

Insulation boards and panels, resistant to solvents, must be laid flat without steps at the joints. To resist the force of the wind loading the boards must be secured independently to the substrate with approved fixings or bonding systems.

Wooden planking must be smooth, dimensionally stable, correctly fixed with screws, coil or ring shanked

TECHNICAL DATA (typical values)	
IDENTIFYING DATA OF THE PRODUCT	
DESCRIPTION	
Policloroprenic monocomponent solvent adhesive for double coating (contact application)	
USE	
Bonding PVC-P synthetic waterproofing membranes Mapeplan and Mapeplan Af on various substrates resistant to solvents	
CHARACTERISTICS	
Aspect	beige viscous liquid
Solid content (%):	25
Density (g/cm ³):	0.9
Viscosity at supply (mPa·s):	3100 (# 5 - rpm 20)
APPLICATION DATA (at +23°C - 50% U.R.)	
Recommended temperature application	+5°C ÷ +40°C
Open time (min.)	max 2-3 hours
Temperature of use	-20°C ÷ +80°C

nails (fixings must not protrude the surface of the boards).

If a protection treatment for the wood is required, it must be done before the application of **Mapeplan ADS 200**. The surface must be dry and non-greasy. Treatment that forms a film or a barrier must not be used.

Metal sheets must be clean, free of oil and grease, if required, clean and degrease with suitable solvent, such as **Mapeplan Cleaner**, for example.

Metal sheets must form a continuous support, must not show threads and sharp burr edges which could damage the waterproofing membrane.

Before applying **Mapeplan ADS 200** make sure that the substrate is free from dust, dirt and loose materials.

Preparation of product

Mapeplan ADS 200 is ready for use. Mix before application.

Application of product

Mapeplan ADS 200 is applied by roller and brush.

Double coating bonding - contact adhesion (for vertical up stands, kerbs and PVC-P **Mapeplan** connectors).

Apply the **Mapeplan ADS 200** adhesive to both surfaces, the support and the **Mapeplan** waterproofing membrane a continuous layer making sure to distribute it uniformly on the whole surfaces to be coated.

Wait a few minutes to allow the solvent to evaporate. When the adhesive is still sticky (try with a finger), apply the waterproofing membrane on the support and press uniformly with a roller.

Attention: after application it will not be possible to remove the waterproofing membrane without damage to the membrane or substrate surface.

The spread rate depends on the quality and the absorption of the support. Curing time depends on environmental conditions.

Wet bonding (for PVC-P **Mapeplan Af** with non-woven polyester fleece backing).

Apply only on the substrate with a continuous layer of **Mapeplan ADS 200** taking care to distribute it uniformly on the whole surface to be coated.

When the adhesive is still wet, before it starts to make a surface film, unroll **Mapeplan® Af** waterproofing fleece backed membrane. Press down with a water filled roller.

Mapeplan ADS 200 must impregnate the woven-non-woven fabric.

After application, do not raise or remove the waterproofing membrane as the adhesion may result reduced or compromised.

The spread rate depends on the quality and the absorption of the support.

Curing time depends on environmental conditions.

Directions for preparation and application

Do not apply **Mapeplan ADS 200** in case of oncoming rain.

Do not apply on wet or humid surfaces as the adhesion of **Mapeplan ADS 200** may be reduced or compromised.

Recommended temperature of application is between +5°C and +40°C.

Cleaning

The tools used during application must be cleaned before the adhesive dries using **Mapeplan Cleaner**.

When the product dries it can only be removed mechanically.

CONSUMPTION

Consumption depends on the quality and absorption of the substrate. Approximate spread rates:

- double coating bonding from 0.6-1.0 kg/m²;
- wet bonding from 0.3-0.6 kg/m².

PACKAGING

Mapeplan ADS 200 is supplied in 10 and 20 kg metal drums.

STORAGE

May be stored for 12 months if stocked in

dry site, away from heat, at temperatures between +5°C and +30°C.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Mapeplan ADS 200 is irritating to eyes and skin.

We recommend to use gloves and goggles and the normal caution procedures when using chemical products. In case the application is indoor, make sure to ventilate adequately the environment.

The product is easily flammable: keep away from unguarded flame, sparks and heat sources.

Mapeplan ADS 200 is very toxic to aquatic organisms: please dispose of it carefully.

For further and complete information about a safety use of our product please refer to our latest version of the Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our web site www.polyglass.com

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ADS 200

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