

Mapeplan[®] ADS 200

Policloroprenic adhesive in monocomponent solvent for double coating (contact adhesive), to bond PVC-P synthetic waterproofing membranes Mapeplan[®] e Mapeplan[®] Af on vertical, horizontal and slanted surfaces

WHERE TO USE

Vertical cuffs bonded on plane roofs, in correspondence to the roof edge, wall connectors, roof light, chimneys, etc., combined with PVC-P **Mapeplan[®]** membranes.

Plane and slanted roofs totally exposed with adhered system, combined with PVC-P **Mapeplan[®] Af** membranes, with non-woven polyester fleece backing.

Some application examples

Total bonding of synthetic waterproofing membranes **Mapeplan[®]** and **Mapeplan[®] Af**, on vertical, horizontal and slanted surfaces, on supports and substrates resistant to solvents, such as:

- cement plasters;
- cement slabs and substrates;
- concrete screed lightened with EPS or expanded clay;
- PUR & PIR insulation 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 setting up it confers 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 lightened concrete surfaces to be treated must be clean, free of incoherent materials, plane.

Insulating panels, resistant to solvents, must be plane laid, correctly secured to the support through suitable mechanical fixing or bonding system, to resist the action of strong wind.

Wooden plankings must be plane, dimensionally stable, correctly fixed with screws or coil nails for an improved adherence (fixings must not protrude).

TECHNICAL DATA (typical values)	
IDENTIFYING DATA OF THE PRODUCT	
DESCRIPTION	
Policloroprenic adhesive in monocomponent solvent for double coating (contact adhesive)	
USE	
Bonding PVC-P synthetic waterproofing membranes Mapeplan[®] and Mapeplan[®] Af on various supports 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
Hazard classification according to EC 1999/45:	irritant, highly flammable, dangerous for the environment. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet

If a protection treatment for the wood is required, it must be done preliminarily, to avoid that at the moment of application of **Mapeplan ADS 200** the surface is wet or greasy. Absolutely avoid treatments forming a film.

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 burr edges which could damage the waterproofing membrane.

Before applying **Mapeplan ADS 200** make sure that any dust on the support has been perfectly removed.

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 cuffs and PVC-P **Mapeplan[®]** connectors).

Apply on the support and on the **Mapeplan[®]** waterproofing membrane a continuous layer of **Mapeplan ADS 200** making sure to distribute it uniformly on the whole surface 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 roll.

Attention: after application it is no more possible to remove the waterproofing membrane.

The amount to be used 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 support 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 with a roll, **Mapeplan ADS 200** must impregnate the woven-non-woven fabric. After application, do not raise/remove the waterproofing membrane as the adhesion might result reduced/compromised.

The amount to be used depends on the quality and the absorption of the support. Curing time depends on environmental conditions.

Under particular application conditions (for example slopes > 5°C, windy areas, etc.) it may be advisable to temporarily mechanically fix the **Mapeplan® Af** membrane, till the adhesive has not started to grip.

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** might be reduced/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 support, approximately:
– 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 e 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 manipulating 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 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

**Mapeplan[®]
ADS 200**

(GB) A.G. BETA

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The products of the MAPEPLAN range are produced by:



Sede Legale - Viale Jenner, 4 - 20159 Milan - Italy

Sede Amministrativa - Via dell'Artigianato, 34 - 31047 Ponte di Piave (TV) - Italy
Tel. +39 04227547 - Fax +39 0422854118 - www.polyglass.com - info@polyglass.it

2105-4-2011