



DENVERPRIMER EPÓXI

Epoxydic Primer, general use

DENVER
IMPERMEABILIZANTES

DENVERPRIMER EPOXY Is a primer based on epoxy resin and polyanidoanines "aduto" used on Wood, metallic or concrete surfaces that will receive treatment with polyurethane or epoxy based paints. It has a particularity to cure in presence of humidity.

USES

It is used to promote sealing or adherence to more or less porous substrates of concrete, Wood or metallic. Due to its humidity tolerance, its use is possible where this condition impairs using other coatings that don't have a complete curing or that show adherence problems in wet substrates or in environments very moistened.

- Primer for industrial and commercial pavements based on epoxydic paints.
- Primer for inner walls painting based on epoxydic paints
- Primer for double system structural element treatment: epoxy – polyurethane (EP-PU)¹
- Primer for anti-rust treatment systems

ADVANTAGES

- Superficial humidity endurance**
- Excellent penetration ability**
- Free of solvents**
- Quick release of the area**
- Excellent adherence ability**

TYPICAL PROPERTIES

The following properties are laboratory tests mean values.

Denverprimer Epóxi

Test	Specification	Standard
Specific mass	1,00 a 1,06 g/cm ³	NBR 5829
Viscosity, Brookfield	600 - 700 cPs	ME-CQ 010
Solid content	100%	NBR 7340
Pot life (100g)	1 to 2 hours	
Application time for 1 st paint coating at 25° C	From 3 to 5 hours	

APPLICATION METHOD

Surface preparation

Surface should be clean, leveled, not burned and free of oils, greases and loose material.

In very smooth concrete surfaces or in surfaces previously treated with silicate or fluorosilicate based hardeners it is recommended a superficial lapping using a diamond stone polishing machine in order to remove the low porosity superficial layer and to improve adherence.

After lapping or polishing, the surface should be cleaned with water under pressure. Remove the excess of water before applying **Denverprimer Epoxy**.

Mixture Preparation

Manually, mix and homogenize the 2 components (A+B) using a Wood or metallic rod, or mechanically using a low speed driller (400 to 550 rpm) with a coupled blade for approximately 1 minute. In both cases, it is recommended to pour the product in another clean and dry recipient and mix for 1 minute. Total mixture time: 2 minutes.

Application

Apply a coating without dilution, with an epoxy paint sheep wooden roller waiting for at least 3 hours before applying the intermediate paint or the finishing paint/varnish.

OBSERVATIONS

- It should not be applied in temperatures lower than 10° C.
- Denverprimer Epoxy** is not proposed as a water jet and water agitation blocker or as a waterproofing product for slabs with water penetration problems. In these cases, the proper impermeabilization should be executed.

CONSUMPTION

Product	In only one coating application
Denverprimer Epoxy	0,15 to 0,20 kg/m ²

Note: Variable consumption related to surface porosity and corrugation.

PACKAGING

Sets with 3,80 kg

STORAGE

The product should be stores in a dry place with a good ventilation, in its intact packages at a temperature lower than 25° C.

¹ In case of anti-rust protection and additional protection against industrial inner spaces with no esthetics requirements, the painting with **Denverprimer Epoxy** can be used as a single coating. Examples: technological galleries, machine rooms, technical undergrounds etc.



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CLEANING

Equipment and tools should be cleaned With **Denversolvente 200**.

HANDLING AND SAFETY

- ❑ **Denverprimer epoxy** should not be neither ingested or be in contact with the skin and eyes. In case of accidental ingestion don't induce vomit and seek prompt medical care.
- ❑ When the product comes into contact with the skin, remove the product with thinner or **Denversolvente 200**, rinse with running water and apply a moisture cream. . If there is contact with the eyes, rinse them with clean running water and seek medical care.
- ❑ It is recommended to observe the safety regulations established by the relevant bodies and to use suitable PPEs, including safety goggles, breath devices and tightness gloves. It is recommended to use specific creams as additional skin protection.
- ❑ Don't reuse the packages.
- ❑ Do not smoke and keep the product far from ignition sources.
- ❑ If there is spreading or leakage, evacuate the area keep ignition sources far from the area and control the leakage with sand.
- ❑ **Denverprimer Epóxi** is ignitable. In case off ire, use foam, dry chemical powder, carbon dioxide ou water mist fire extinguisher. Do not use water under pressure.
- ❑ **For more information about handling and safety, request the product SISCP².**

PERFORMANCE

DENVER IMPERMEABILIZANTES guarantees the quality of the product against manufacturing defects; however, it does not assume responsibility for the performance of the work, since it does not have direct control over the application conditions. Any indemnification will be limited to the cost of the product.

DENVER IMPERMEABILIZANTES informs that it may alter the product whenever necessary, without prior notice.

DENVER IMPERMEABILIZANTES products should be applied by trained professionals and in compliance with the instructions listed in the application manuals provided by the company.

If you have questions, call:

Customer Service Center: (+55 11) 4741-6000 (São Paulo)

0800 -770 1604 (Other locations within Brazil)

² Safety information sheet of chemical products.

DENVER IMPERMEABILIZANTES

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