



MAXCLEAR® -D



TRANSPARENT SILICONE WATER-REPELLENT FOR PROTECTION OF TRADITIONAL OR LIMESTONE FAÇADES AND SIMILAR



DESCRIPTION

MAXCLEAR®-D is a water-repellent liquid composed of invisible water-based silicon resin specially formulated for limestone substrates or similar, low-fired clay and gypsum plasters. It is supplied ready to use and it can be applied by brush or low-pressure spray.

APPLICATION FIELDS

- Invisible protection for limestone façades and interior plasters.
- Impregnating gypsum or gypsum-based plasterboards.

- Protection for low-fired clay products such as roof tiles, bricks.
- Provides water repellency and protection of traditional brick façades, concrete and single layer mortars.

ADVANTAGES

- Reduces water absorption.
- Allows the surface to transpire.
- Only needs one coat.
- Resists formation of surface salts.
- Protects surface from frost damage.
- Reduces facade maintenance costs.
- Environmentally friendly, being water-based.

APPLICATION INSTRUCTIONS

Surface preparation

The surface to be treated must be dry, and free of dust, grease, and all kinds of dirt. The surface must be in good condition, gaps filled, and cracks and fissures repaired with **MAXREST®**, and **MAXJOINT®** for joints. New concrete or mortar should be allowed to cure for one month before applying **MAXCLEAR®-D**.

Application

Use a fine hair brush or low-pressure spray (0,4 kg/cm²) reaching saturation. Apply **MAXCLEAR®-D** continuously and in one single layer. Apply in continuous lengths and following a subsequent execution order, from the bottom upwards, avoiding scattered treat large areas. Avoid over-saturation or flooded areas in the support by excessive consumption which may cause white spots on the surface. Within 24 hours of application, **MAXCLEAR®-D** begins to repel water.

Application conditions

Do not apply with below 5°C or if lower temperatures are expected within 24 hours after application. Do not apply to frozen or frost-covered surfaces.

Do not apply when rain is expected within 24 h after application.

At high temperatures, avoid the application in areas exposed to direct sunlight

Cleaning

After use, brushes and all equipment should be thoroughly washed with water.

CONSUMPTION

Consumption of **MAXCLEAR®-D** is estimated between 0,17-0,40 l/m². These estimative consumptions may vary depending on substrate conditions and application method. A preliminary test on-site will determine the coverage exactly.

IMPORTANT INDICATIONS

- **MAXCLEAR®-D** must be applied over surfaces totally dry and avoid to wet it within 24 hours after application.

- Do not apply over vitrified, glazed, non-absorbent or painted substrates.
- In case that limestone surface has iron impurities, dark discoloration could appear on the surface. Carry out always a preliminary test.
- Protect metal surfaces, aluminium, aluminium profile, enamelled or painted pieces, glass, wood, etc., as well as plants, vegetation and garden areas covering them completely before application.
- **MAXCLEAR®-D** is a hydrophobic impregnation. It is not suitable for permanent contact with water.
- For other uses not specified in this Technical Bulletin or for further information, consult our Technical Department.

PACKAGING

MAXCLEAR®-D is supplied in 5 and 25 litres jerrycans.

STORAGE

Twelve months in its original unopened container, in a dry and covered place, protected from dampness and frost, with temperatures above 5°C.

SAFETY AND HEALTH

MAXCLEAR®-D is an alkaline liquid, so all strict handling precautions should be observed. Splashes on skin must be washed off immediately with water. In case of eye contact rinse for fifteen minutes with clean water but do not rub, if necessary, consult a doctor. Avoid inhalation.

Safety Data Sheet of **MAXCLEAR®-D** is available by request.

Disposal of the product and its empty packaging must be done according to official regulations by the final user.

TECHNICAL DATA

Characteristics of the product	
CE Marking, UNE-EN 1504-2	
Description: Hydrophobic impregnation (H) for surface protection of concrete. Principles / Methods. Protection against ingress (1/1.1), Moisture control with coating (2/2.1) and Increasing resistivity by limiting moisture content with coating (8/8.2).	
Appearance	Transparent liquid
Density, (g/cm ³)	1,05 ± 0,05
Flash point	Non-flammable
Application and curing conditions	
Application conditions, (°C)	5°C < T < 35°C
Cured product characteristics	
Interim Federal Specification SS-W-00110 for Water Repellent.	Fully meets the requirements.
- Water repellence	0,52 % Passes
- Water repellence after weathering	0,53 % Passes
- Breathing	50,3 % Passes
- Efflorescence	None Passes
Depth of penetration, EN 1766	Penetration > 10 mm - Class II
Capillary absorption and resistance to alkali, EN 13580	Absorption ratio < 7,5% Absorption ratio < 10% (after alkali dissolution immersion)
Drying rate, EN 13579	> 10% - Class II
Consumption*	
Estimated consumption per application, (l/m ²)	0,17-0,40

* Consumption may vary depending on texture, porosity and other conditions for substrate, and application method. A preliminary test on-site will determine the coverage exactly.

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO®**, **S.A.U.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.



DRIZORO, S.A.U.

C/ Primavera 50-52 Parque Industrial Las Monjas
28850 TORREJON DE ARDOZ – MADRID (SPAIN)
Tel. 91 676 66 76 - 91 677 61 75 Fax. 91 675 78 13
e-mail: info@drizoro.com Web site: drizoro.com