



# MAXGLAZE<sup>®</sup>-D

## TRANSPARENT POLYMER SEALER, GLOSS FINISH, FOR PROTECTION OF CONCRETE, PREFABRICATED PANELS AND BRICK FAÇADES

### DESCRIPTION

MAXGLAZE-D is a transparent polymer sealer, derived from methacrylate-based resins. It forms a durable, tough and flexible film with gloss finish for protection of concrete and masonry. It resists weathering, air pollutants, alkaline agents and ultra-violet rays.

### APPLICATION FIELDS

- Prefabricated and architectural concrete. Provides transparent protection while maintaining natural colour and texture.
- Exposed concrete. Provides a decorative and pleasing transparent finish. It keeps it clean, free of surface lime, and protects it against harm from freezing and thawing.
- Brick facades and decorative ceramics. Repels rainwater, prevents absorption and enhances the appearance.
- Prevention of corrosion of concrete: mechanical, chemical and biological. Avoids damage to the structure caused by absorption of water and harmful substances.
- Protects against mechanical corrosion, frost, and destruction by salts, sulphates, chlorates, and nitrates.
- It is vitally important in protecting reinforced concrete from corrosion. Formation of iron oxide in the reinforcement by moisture penetration causes great expansive pressures which damage and may crack the reinforced concrete.
- Biological corrosion of reinforced concrete is caused by bacteria, fungus, moss, algae and lichen, and botanical and animal micro-organisms. These elements, combined with water from condensation and capillarity, cause formation of fungus on exterior as well as interior walls. This makes the affected areas uninhabitable.
- Aluminium and stainless steel. Creates a surface film that protects against mortar, plaster and residues during building work.
- Other surfaces. Is ideal to protect and decorate varied finishes of single layer mortars. It keeps them clean and self-cleaning with rain.

### ADVANTAGES

- Creates a repellent film which is unchanged by water and protects the surface against frost/thaw cycles.
- Avoids formation of surface lime and pollution residues.
- Does not yellow, maintains and enhances the natural tone of the surface.
- Reduces maintenance costs and ensures better conservation of the surface treated.
- Resists ultra-violet rays, inert to the most common acids, solvents, aliphatics, grease and oils.
- Permeable to water vapour diffusion.
- Strong adhesion, seals fissures and is flexible to movement of the substrate.
- A transparent protective covering is created to prevent corrosion of the concrete.

## APPLICATION INSTRUCTIONS

### Surface preparation.

Eliminate all traces of dirt, grease, flaking paint or efflorescence. The surface to be treated must be clean and thoroughly dry.

### Application.

MAXGLAZE-D is ready to use. It is advisable to stir it for a few seconds in the drum.

It may be applied with a brush, roller, or low pressure air-brush. Apply in two coats leaving two hours between each one.

Certain uses of MAXGLAZE-D may require it to be more diluted. In such cases, add MAXSOLVENT up to a maximum of 10% of the base product. It is advisable to test before definitive application to check its fluidity. Use MAXSOLVENT to clean equipment and unwanted splashes.

### Application conditions.

Apply with 10° C minimum and 35° C maximum temperature for material, atmosphere and surface base. The relative humidity of the air must not be more than 80%.

## IMPORTANT INDICATIONS

Do not apply MAXGLAZE-D to frozen surfaces or on asphalt or vitrified bases.

## COVERAGE

Between 2.5 and 6 m<sup>2</sup>/litre depending on the porosity of the surface.

## PACKAGING

MAXGLAZE-D is supplied in 5 and 25 litres drums.

## TECHNICAL CHARACTERISTICS

APPEARANCE	
Packaged product	Transparent
Applied product	Shiny film
Solid content	22-25%
Density	0.9 g/cm <sup>3</sup>
Thickness of dry film	25 µm +/- 5 µm
CONSUMPTION	
On concrete base	225 a 250 g/m <sup>2</sup>
On plastic base	150 g/m <sup>2</sup>
Drying time at 20° C	5 hours
Flash point	55 - 60° C open drum

## PROPERTIES OF THE FILM:

Does not turn yellow.

Good resistance to ultraviolet rays, aliphatic acids, urine and alkalies.

Allows the surface to transpire.

## STORAGE

Twelve months in its original unopened containers, in a dry and covered place, with temperatures above 5 °C.

## SAFETY AND HEALTH

MAXGLAZE-D is a flammable liquid, so all normal storage, transport and handling precautions for these kinds of product should be observed. Do not smoke while applying or in the area where the equipment or opened drums are situated.

When applying to exterior and facades, avoid splashing glass or aluminium; should cleaning be required, use a solvent within one hour of splashing or staining. Wear protective clothing and glasses, avoid inhaling the vapour, and keep the working area well ventilated. Confined spaces must be provided with auxiliary ventilation.

When using in inhabited buildings, make sure that ventilation and air-conditioning devices are switched off.

Safety Data Sheet of MAXGLAZE-D is available by request.

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

## GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. DRIZORO 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.



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Company certificated: ISO 9.001 & ISO 14.001

