



# MAXURETHANE<sup>®</sup> 2C

## TWO COMPONENT POLYURETHANE DECORATIVE COATING WITH PORCELAINIC FINISH

### DESCRIPTION

Aliphatic two-component polyurethane coating. Glossy, elastic and very hard once polymerised. Highly resistant to environmental exposure and UV rays, thus providing high stability of the colour.

### USES

- Exterior decorative finish, with excellent performance against weathering.
- Chemical protection, anti-corrosion and structural protection in structures, tanks, floors, etc.
- Topcoat for exterior multilayer systems, whether epoxy or polyurethane type.
- Swimming pools, aquariums of either salt or sweet water.

### ADVANTAGES

- Porcelainic finish.
- Stable against chemical aggression and exposure to weathering.
- Great durability.
- Excellent adhesion to the substrate.
- Very resistant to abrasion.
- Non toxic.

### APPLICATION INSTRUCTIONS

**Preparation of the substrate.** Prior to the application of the product the surface must be dry and free of dust, grease, etc.

Apply a primer coat consisting of MAXURETHANE 2C diluted with about 10% to 15% of total weight with MAXURETHANE 2C SOLVENT.

**Mixing** Stir thoroughly the content of component A container, using a DRY and CLEAN spatula.

To apply by spraying it is recommended to add the solvent to component A, in the desired ratio as a proportion of the total amount of the mix (A+B).

Pour component B into component A (already diluted or not) container. Stir well to achieve a perfect and homogeneous mix of both components.

Due to the influence of the solvents, it is never advisable to use any solvent other than MAXURETHANE 2C SOLVENT.

**Placing.** In order to achieve a uniform finish, it is advisable that the application be done preferably by spraying gun, applying two coats, with the first one being diluted with MAXURETHANE 2C SOLVENT.

## CAUTION

Apply outdoors or with adequate ventilation.

Solvents included in MAXURETHANE 2C evaporate very slowly, as in any other macromolecular-type coatings. It is recommended to provide good ventilation, even after its correct application and after it shows the tack-free drying. This will become a must in enclosed spaces or in areas with difficult natural ventilation.

MAXURETHANE 2C is a flammable compound. During its application, standard fire protection precautionary measures should be adopted, usual for this type of products during application. Please refer to the Safety Data Sheet for further information.

When preparing and applying on site do not work without adequate safety goggles and rubber gloves, nor near any ignition sources. If the product comes in contact with the eyes rinse thoroughly with clean water without scrubbing. See a doctor if the irritation continues.

## PACKAGING

25 kg., 5 kg. and 1 kg. sets.

## COLOURS

Transparent and according chart. Other colours upon request.

		
White	Light blue	Blue
RAL 9003	Ref. 952	RAL 5015
		
Grey	Red	Green
RAL 7001	RAL 3001	RAL 6011

Note: Printed colours are indicative.

## STORAGE

Twelve months for component A and six months for component B in their original unopened container, in a dry cool place and protected from frost.

## TECHNICAL DATA

<b>Components</b>	Two components
<b>Mixing ratio A: B</b>	4:1
<b>Recommended solvent</b>	MAXURETHANE 2C SOLVENT
<b>% Solids in volume</b>	55.04+/-0.5%
<b>Specific weight</b>	1.29+/-0.05
<b>Time for initial reaction</b>	15 min.
<b>Pot life depending on colour at 20°C</b>	8 – 24 hours
<b>Dust-free drying time (20°C 65% RH)</b>	1.5 hours
<b>Tack-free drying time (depending on temp and RH)</b>	4 – 6 hours
<b>Time to apply second coat</b>	6 – 12 hours
<b>Yield sq. mts./ litre</b>	13.8
<b>Yield sq. mts / kg.</b>	10.6
<b>Recommended dry film thickness</b>	40 microns

## CHARACTERISTICS OF THE DRY FILM

- Resistance to saline environment: Longer than 1500 hours
- Toxicity: Non toxic. Odour and taste free.
- Physical and chemical resistance to marine aggressiveness, abrasion and impacts. Hard and elastic, with porcelainic appearance.
- Resistant to industrial detergents

## 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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