



# MAXURETHANE®

## SINGLE COMPONENT, SOLVENT BASED, POLYURETHANE PROTECTION FOR INTERIORS, HIGHLY RESISTANT TO CHEMICAL ATTACK AND ABRASION

### DESCRIPTION

MAXURETHANE is a product based on polyurethane synthetic resins, air cured. It is specially formulated for protecting surfaces from the aggressive pollution of petrol, diesel, fuel oil and lubricating oils. It prevents dusting of floors, stores and parking areas.

### USES

- It seals concrete floors to prevent dusting.
- It is a practical long lasting finish for factory floors, warehouses and parking areas.
- It has strong adhesion, elasticity and is resistant to chemical attack and abrasion.
- It can be applied to wood, metal, tiles, etc.
- Ideal for skating rinks, gymnasiums, discotheques, etc. for its high abrasion resistance.

### ADVANTAGES

- Quick drying.
- High brightness.
- Drinking water safe.
- Excellent abrasion resistance.
- Excellent stability.

### APPLICATION METHOD

**Surface preparation.** The surface to be treated must be solid, dry, free of dust, grease, etc. The humidity content of the substrate should be below 5%, as MAXURETHANE is not permeable to water vapour.

If the surface is very smooth, add 30% of MAXSOLVENT when applying the first coat for better penetration.

**Tools.** MAXURETHANE can be applied by brush, roller, air less or air-brush gun.

Apply MAXURETHANE in two coats. The first coat must be dry before applying the second coat at right angles to the first application. Approximately 8 to 10 hours. Never add solvents as these will impair the final finish.

### Curing.

Allow a minimum of 72 hours before putting the floor into service.

## PHYSICAL CHARACTERISTICS

**Density**  $20 \pm 2^\circ \text{C}$  : 0.957 g/cm<sup>3</sup>

**Viscosity**  $20 \pm 2^\circ \text{C}$  : 40 seconds, Ford Cup N° 4

**Solid contents** :  $40 \pm 2\%$

**Application Time (at  $20^\circ \text{C}$  and 60% R. H.):** once opened MAXURETHANE has a pot life of 3 Hours. Do not apply in extreme temperatures, that is, below  $8^\circ \text{C}$  or above  $30^\circ \text{C}$ .

**Coverage:** One litre of MAXURETHANE covers an area of approximately 6-7 m<sup>2</sup> depending on the texture and porosity of surface.

**Chemical resistance:** 24, 48 and 72 hours complete immersion tests were carried out to show that MAXURETHANE is resistant to petrol, diesel, fuel oil and lubricant oils.

MAXURETHANE is also resistant to water, dilute alkalies, calcareous water and cleaning materials.

**Flash point :**  $> 80^\circ \text{C}$ .

**Suitability for contact with drinking water:**

Test Report by Instituto Eduardo Torroja Ref. 16.953 Part 10, December 19, 1996

## CAUTION

The edge of the lid and container must be thoroughly cleaned before resealing.  
Use MAXSOLVENT to clean tools after the work is finished.

## PACKAGING

25 Kg. and 5 Kg. drums.

## STORAGE

Approximately 12 months when stored in its original packing, in a cool, dry and frost free place.  
MAXURETHANE is a flammable liquid, so all normal storage, transport and handling precautions for these kind of products should be observed.

## 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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