



# MAXELASTIC® CAT-W

## CATALYST TO SPEED-UP THE DRYING-TIME OF WATER-BASED POLYURETHANE AND ACRYLIC COATINGS

### DESCRIPTION

**MAXELASTIC® CAT-W** is a catalyst specially designed to be used with the water-based polyurethane roof coatings **MAXELASTIC® PUR-HW** and **MAXELASTIC® PUR-EW**, as well as the water-based acrylic roof coating **MAXELASTIC®**, in order to speed up the drying-time of the coating applied. Thus, it allows faster execution time with application at the same day of two coats.

### APPLICATION FIELDS

- Works with short-time schedule where the two coats of the waterproofing membrane must be applied at the same day.
- Waterproofing works under low temperature, high humidity conditions or proximities to marine environments.
- Applications under high risk of sudden rainfalls.
- Catalyst for water-based polyurethane or acrylic floor coatings in pavement projects.

### ADVANTAGES

- Reduces time for putting-into service of the coating applied.
- Increases fresh film thickness per coat on vertical surfaces.
- Totally compatible with water based resins, easy to mix and completely soluble.

### APPLICATION INSTRUCTIONS

#### Substrate preparation

Consult the recommendations of DRIZORO about polyurethane and acrylic waterproofing resins for surface preparation.

#### Mixing

**MAXELASTIC® CAT-W** is supplied ready to use. It only needs to be stirred manually the content of the packaging with a dry and clean tool before use. Dosage varies from 1% to 2% of the weight of polyurethane or acrylic resin coating to be mixed with.

Mix both components with a low-speed drill (300 - 400 r.p.m.) for 2 – 3 minutes until achieving a

homogeneous paste. Avoid to over mix which may produce air bubbles or heat the mixture. Open time for application after mixing is from 20 to 30 minutes approximately at 20 °C.

#### Application

Apply immediately after mixing, by brush or roller and following the application instructions of the waterproofing coating used. Allow first coat to dry and get tack-free, between 3 and 4 hours at 20 °C and 50 % R.H., before application of the second coat.

#### Application conditions

Consult the recommendations waterproofing products for applications conditions..

#### Curing

Check the Technical Data for drying-time at 20 °C and 50 % R.H. before putting into service. Lower temperature or higher R.H. (%) extends the drying-time.

#### Cleaning

Use clean water for cleaning tools and equipments immediately after application. Once it cures, product can only be removed by mechanical means.

### CONSUMPTION

Estimated consumption of **MAXELASTIC® CAT-W** varies from 0,25 kg to 0,5 kg (1% – 2% by weight) per each 25 kg drum of the waterproofing coating. The consumption of the catalyst may be reduced if desired, but never increase this ratio.

### IMPORTANT INDICATIONS

- All recommendations on Technical Bulletin of polyurethane or acrylic coating must be followed with the use of **MAXELASTIC® CAT -W**.
- Do not mix the product with solvent or other non-specified compounds.
- For any other uses not specified on this Technical Bulletin or further information, consult our Technical Department.

## PACKAGING

**MAXELASTIC® CAT-W** is supplied in 0,25 kg and 0,5 kg can.

## STORAGE

Twelve months in its original unopened container in a dry and covered place, protected from freezing and sunlight, with temperatures between 5 °C and 35 °C.

## SAFETY AND HEALTH

**MAXELASTIC® CAT-W** is not a flammable product so all storage, transportation and handling precautions must be observed for this kind of product. Do not smoke in working areas and provide adequate ventilation. Keep away packaging from heat and ignition sources.

Safety goggles and protective gloves should be used during application. In case of skin contact, wash affected areas with soap and water. In case of eye contact rinse thoroughly with clean water but do not rub. Consult a doctor if irritation persists. Safety Data Sheet of **MAXELASTIC® CAT -W** is available by request.

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

## TECHNICAL DATA

Characteristics of the product						
Appearance	Yellowish/transparent liquid					
Density at 20 °C, (g/cm <sup>3</sup> )	1,16 ± 0,10					
Application and curing condition	MAXELASTIC®		MAXELASTIC® PUR-EW		MAXELASTIC® PUR -HW	
	Without CAT -W	With* CAT -W	Without CAT -W	With* CAT -W	Without CAT -W	With* CAT -W
Waiting time between coats at 20 °C, (h)	6 - 18	3 - 8	10-12	5-6	6-10	3-5
Drying time, 20 °C y 50 % H.R., (h)	24	12	24	12	24	12
Curing time at 20 °C y 50 % H.R., before flooding test (d)	7	4	7	4	7	4
Consumption						
Dosage of catalyst on waterproofing coating	1 % – 2 % (0,25 kg to 0,5 kg <b>MAXELASTIC CAT-W</b> per each 25 kg waterproofing coating)					

(\*) Data mixing with 2% **MAXELASTIC CAT -W** by weight of the waterproofing product.

## 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.** 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

ISO 9001  
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BUREAU VERITAS  
Certification

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