



**ChovA**  
SISTEMAS DE IMPERMEABILIZACIÓN  
Y AISLAMIENTO

# CHOVINTEL

ONE COMPONENT FLASHING POLYURETHANE-  
BITUMEN LIQUID FOR THE FINNISHING  
ASPHALT EPDM AND PVC MEMBRANES

DATA SHEET N° 84330 – REV. 03/03.07 -- 18.12.19  
THE PRESENT REVISION RESCINDED THE PREVIOUS

## - DESCRIPTION.

CHOVINTEL is a quick curing one-component, thixotropic, bitumen extended polyurethane liquid membrane. It cures through reaction with atmospheric humidity to produce an elastic strong film with excellent adhesion on bituminous substrates.

## -TECHNICAL SPECIFICATIONS.

Technical specifications of the liquid product 85% dry matter in Xylol	
PROPERTY	RESULTS
Viscosity	18-20,000 Cps
Density	1,04 gr/cm <sup>3</sup>
Flash point	>50°C
Recoat time	6 to 24 hours
Tack free time 25°C & 55% RH	6 hours

Technical specifications of the film	
Service temperature	-40 to 80°C
Max. Temperature short time (shock)	150 °C
Hardness	Shore A / 35
Tensile Strength at break at 23°C	70Kg/cm <sup>2</sup>
Percent Elongation at 23°C	>600 %
Adhesion Concrete	0,5N/mm <sup>2</sup> without primer
HYDROLISIS Resistance (Potassium Hydroxide 8% at 50°C 10 days) CHEMICAL Resistance (Sodium Hypochlorite 5%)	Unaffected
Water absorption after 10 days	<0,9 %

## - BENEFITS.

- Easy application on vertical substrates, without running and sagging.
- Easy application on complex shapes.
- Excellent adhesion on almost any surface, with or without special primers.
- No thinning is required but in case it can be thinned with solvent.
- Excellent thermal resistance, the product never returns soft, Max service temperature 80°C, Max shock temperature 200°C.
- Resistance in the cold: the film remains elastic even down to -40°C.
- Excellent mechanical properties, high elongation, tensile and tear strength, abrasion resistance.
- Excellent chemical resistance.
- Resistance to the roots penetration.
- Moisture vapor transmission barrier.

## - LIMITATIONS.

Not recommended for unsound substrates. Not recommended for waterproofing pools in contact with chemically treated water.



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### - APPLICATION.

- CHOVINTEL has good adhesion on concrete and other common substrates without the use of primers. However, field testing is strongly advised. Primers are available upon request, please contact the technical department for further information.
- Apply the material with brush or spatula in one or two coats.
- Fill surface irregularities with adequate products.
- Clean the surface, using jet water if possible. Remove oil, grease and wax contaminants. Cement laitance, loose particles, mould release agents, curing membranes must be removed.
- Recoat time 6-24 hours
- The efficiency is 1,5 kg/m<sup>2</sup> (one or two coats). In case of dilution, apply pure xylene up to 10% proportion.

### -PRECAUTIONS.

- CHOVINTEL contains a small quantity of volatile flammable solvents. Apply in well-ventilated áreas.
- Don't smoke. Apply far away from naked flames.
- In closed areas use force ventilation and carbon active masks.
- Keep in mind that solvents are heavier than air so they creep on the floor.

### -RECOMMENDED FOR

Waterproofing and protection of:

- Foundation walls
- Basement walls
- Roofs
- Light roofing from metal or fibrous cement
- Wet rooms
- Gypsum and cement boards
- Asphalt membranes repair

### -ACCEPTED SUPPORTS.

Concrete, asphalt emulsions, EPDM, PVC.

### -CONSUMPTION.

Minimum Total Consumption: 1-1,2 lt/m<sup>2</sup>

### -PACKAGING.

4 kg Pails

### -SHELF LIFE.

Can be kept for minimum 6 months in the original unopened pails at a temperature of 5°C – 25°C in dry places. When you open the pails consume contents immediately.

### -TRANSPORT, PRECAUTIONS AND STORAGE.

Consult the safety data sheet CHOVINTEL.

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