



Systems for  
waterproofing  
De-humidification,  
Hydrophobation



Certified Quality System since **FEBRUARY 1993**

**From Project to Jobsite**

## ELASTOBIT-tec EP/finish

**EPRBC - Elastomeric Polymeric Reactive Bituminous Complex**

### WATERPROOFING COATING EPRBC BASED, HEAVILY MODIFIED WITH ELASTOMERS IN WATER EMULSION

**Description** ELASTOBIT-tec EP/finish is a cold EPRBC-based waterproofing membrane with a very high percentage of elastomers and additives. It has a high resistance to U.V. and to environmental aggression up to -20°C and over.  
Allows obtaining a continuous coating with high elasticity and performance at various temperatures, high adhesion to each substrate.

**Indicated use** ELASTOBIT-tec EP/finish can be applied on a almost all construction materials such as:  
- New roofs (brick-cement, insulation materials, concrete, iron).  
- Old and degraded roofs (membranes and old damaged asphalt surfaces), without requiring the removal of the existing.  
- Terraces, balconies, roofs.  
- Outside of foundations, basements and structures in contact with moisture.

**Properties** Not flammable, nor toxic. Forms a continuous membrane that avoids joints or fittings in the most stressed structures. High elasticity even at low temperatures (-20°C). Excellent adhesion, allows the application on most of the building materials. The ease of cold application allows savings in labour and avoids the use of special equipment. Excellent resistance to ultraviolet rays and atmospheric aggression. Maintains over a long time the elasticity, waterproofing and adhesion properties.

**Preparation of the substrate** The surface must be clean, healthy and free of dirt. Repair cracks or holes with ELASTOBIT-tec EP/finish and RETEVER. In case of blistered or cracked membranes, cut them crosswise and lift the edges, apply ELASTOBIT-tec EP/finish in a thin layer and reposition the flaps. In case of old surfaces, wet or where bonding problems can be expected, apply a layer of ELASTOBIT-tec DR/catio before applying ELASTOBIT-tec EP/finish.

**Method of use** Apply a layer of ELASTOBIT-tec EP/finish evenly by brush or roller at a rate of at least 1-1.5 kg/m<sup>2</sup>. Where necessary, apply on the fresh layer of ELASTOBIT-tec EP/finish, immediately after application, the reinforcement net RETEVER. Let the first coat dry for at least 12 hours. If necessary, apply a second layer of ELASTOBIT-tec EP/finish by brush or roller. In the case that the first layer of ELASTOBIT-tec EP/finish is still sticky, slightly moisten with water, to facilitate the passage of the applicators.  
Allow the second layer as long as possible before trafficking (total reaction time of the product: 1-2 weeks, depending on outdoor humidity).



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<b>Technical Characteristics (typical)</b>	Minimum solid content	70%
	Elongation	900%
	Unaltered under the action of ultraviolet rays and ozone	
	Unaltered under temperature variations in the interval -20° to 130°C.	
	Elastomeric content	15-20%
	Does not dry out or crack over time in the presence of wind, salt or acid rain.	
	Density:	1.1. gr/cm <sup>3</sup>
	Elongation till break	1.450% with load 5 kg/cm <sup>2</sup>
	Vapour transmission resistance	540 x 10°C m/sec.
	Elongation	from -12°C 800% to +20° 900%
	Thermal conductivity	0.15 Kcal/m <sup>2</sup> h °C.
	Consumption	1 Kg/m <sup>2</sup> per layer.

**Packaging** Pails of 25 kg.

**Remarks** Apply at a temperature of at least +5°C. For applications not specified in this data sheet, please contact the technical department.

**Safety instructions** Read carefully the Material Safety Datasheet of the product.

The above data are based on our actual and most experienced practical and laboratory knowledge and the results are collected from application of the product in different situations. Tecnochem Italiana does not assume any responsibility regarding inadequate or negative performance as a result of improper use of the product or for defects deriving from factors or elements other than the quality of the product including improper storage. The technical characteristics and performance mentioned in this datasheet are updated periodically. The revision dates and number of revision of the datasheets are listed in the table below. Eventual variations are traceable on our website [www.tecnochem.it](http://www.tecnochem.it) where the most updated datasheets can be retrieved.

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