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# BUTYNOL 600

## Roof Membrane with Weld-Tech Technology

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### Features

Excellent durability

High chemical, UV and weathering resistance

No plasticizers or chlorinated ingredients

Avoid contact with oil and petroleum based products, grease and hot bitumen

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Indian Green Building Council  
**M E M B E R**

### ARDEX ENDURA (INDIA) PRIVATE LIMITED

Corporate Office & Regd. Office:  
Unit No. 406 & 407, "Brigade Rubix", No. 20,  
HMT Campus, Yeshwanthapur Hobli,  
Bengaluru - 560013. Karnataka, INDIA.  
CIN No: U24233KA1997PTC022383  
Tel: +91 80 66746500  
Fax: +91 80 66746540  
Email: [customercare@ardexendura.com](mailto:customercare@ardexendura.com)  
Visit us: [www.ardexendura.com](http://www.ardexendura.com)

# BUTYNOL 600

## Roof Membrane with Weld-Tech Technology

### DESCRIPTION

BUTYNOL 600 is a flexible composite roofing membrane made with synthetic rubber having polypropylene mesh welded on to both sides. It incorporates "weld-tech technology" making it heat weldable using a hot air gun. It has excellent gas/moisture impermeability and toughness and remains flexible at low temperatures. It is designed to resist ageing from heat, sunlight and ozone.

### SURFACE PREPARATION

Roofing structure needs to be stable enough to support the temporary loading. Substrates need to be clean, smooth, dry and free of sharp edges, loose or foreign materials, oil, grease and other materials that may damage the membrane.

All surface voids greater than 5mm wide shall be properly filled with an acceptable fill material.

### SUBSTRATE SPECIFICATION

Plywood & Timber Substrates must be dry when BUTYNOL 600 is applied. The plywood and timber substructure shall have a maximum moisture content of 20% when BUTYNOL 600 is adhered.

### NOTE:

LOSP (Light Organic Solvent Preservative) treated plywood must NOT be used under BUTYNOL 600 under any circumstances.

New Concrete must be cured for a minimum of 28 days and all curing compounds removed prior to application. A reduction in cure time can be achieved by utilising the Ardex HydrEpoxy System (consult ARDEX ENDURA Central Technical Service Department for details)

Old Concrete must be clean from any contaminants prior to application

### ADHESIVES

WPM 09, The solvent free contact adhesive for brushing, spraying and rolling for fixing to the substrate. Supplied in 20 ltrs plastic containers. WPM 09 Catalyst to assist adhesion in adverse conditions.

WA98 solvent based adhesive can also be used for fixing the membrane.

### APPLICATION

Unroll the membrane over the substrate and allow it to relax for approximately 30 minutes before seaming or flashing. Membranes are overlapped (side laps and end laps) in accordance with the installation instructions and details. Seams should have 75mm overlap and are heat-welded. Laps and corners are to be heat formed and/or welded with the Leister Triac S, Twinny or Uniroof Hot Air Gun. Roll with a rubber roller to ensure seams and laps are secure.

Lap joints can also be done with Ardex Seam Tape and Seam Primer system.

Once the membrane is applied properly, it can also be directly tiled over immediately using ARDEX ENDURA tile adhesives.

### TECHNICAL CHARACTERISTICS

Property	Value	Test Method
Specific Gravity	1.3	ASTM D297
Hardness IRHD	65	ASTM D1415
Tensile Strength MPa Min	5	ASTM D412
Elongation at Break	300 %	Min ASTM D412
Water Vapour Transmission gm/day. M <sup>2</sup>	0.114	ASTM E96

### PACKAGING

Thickness 0.8 mm  
Width 1.40 m  
Length 20 m

### STORAGE AND SHELF LIFE

Store away from sources of puncture and physical damage. Store away from ignition sources and open flame. BUTYNOL 600 has unlimited shelf life.

### PRECAUTIONS

The materials is not hazardous for normal uses and when used by skilled persons. In particular conditions, it is possible to cut or injure oneself. Keep out of reach of children.

### DISPOSAL/SPILLAGE

Spillage of any of the component products should be absorbed onto sand or other inert materials and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

For further information please refer to the Product Safety Data Sheet.

### CONDITIONS OF SALE

Sold subject to the Company's conditions of sale which are available on request.

### NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.