



**ADESO|BIT**  
**1600X**



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## PRODUCT DESCRIPTION

**ADESO|BIT** 1600X is self adhesive cold applied ELASTOMERIC modified bituminous waterproofing sheet membrane with 100 microns co-laminated HDPE film carrier.

## USES :

- ❑ A general use waterproofing membrane for roofs, basements, wet areas, canals, culverts and various building and civil works.

## FEATURES :

- ✓ Excellent adhesion and flexibility.
- ✓ High tensile and Puncture resistance.
- ✓ Superior Tear Strength.
- ✓ Easy to apply like any other self-adhesive membrane, no special tools or technique involved.

## APPLICATION :

Concrete should be free of voids, hollows, honeycombs, loose or coarse aggregates and sharp protrusions. The concrete surface should be a floated finish. It is recommended that concrete should be at least eight days old. In particular situations, the membrane can be applied at an earlier time depending on site conditions. Concrete curing compounds should be tested for compatibility, or removed. All surfaces should be dry and free from dirt, dust, oil and grease. Forms below horizontal slabs should be removed as early as possible to avoid entrapment of excessive moisture.

## FORM OF SUPPLY :

**ADESO|BIT** 1600X is supplied in rolls of 1x15 Meters. 33 Rolls per pallet.

## TECHNICAL DATA

DERMABIT PRODUCTS ARE TESTED AT RANDOM INTERVALS BY INDEPENDENT LABORATORIES TO INTERNATIONAL STANDARDS AND THE RESULTS OF THESE TESTS ARE AVAILABLE ON REQUEST. IN ADDITION, EACH BATCH MANUFACTURED IS SUBJECT TO STRICT QUALITY CONTROL PROCEDURES TO ENSURE IT MEETS APPROPRIATE AND APPLICABLE STANDARDS AND/OR NORMS.



PROPERTIES	TYPICAL VALUES	TEST METHOD
THICKNESS	1.6 mm	ASTM D 5147
REINFORCEMENT	150 grms/M <sup>2</sup> Polyester	
CARRIER	100 microns HDPE	
TEAR RESISTANCE		
LONGITUDINAL	550 N	ASTM D 5147
TRANSVERSE	375 N	
ELONGATION AT BREAK		
LONGITUDINAL	40%	ASTM D 5147
TRANSVERSE	70%	
TENSILE STRENGTH		
LONGITUDINAL	750 N / 5 cms	ASTM D 5147
TRANSVERSE	520 N / 5 cms	
WATER ABSORPTION	0.12 %	ASTM D 5147
CHEMICAL RESISTANCE	CONFORMS	ASTM D 543
PEEL STRENGTH CONCRETE	2.01 N / mm	ASTM D 1000
SELF	2.11 N / mm	
PUNCTURE RESISTANCE	245 N / 60 mm	ASTM E154
SOFTENING POINT	> 105 Deg. C.	ASTM D36

### ENVIRONMENT TEST (ASTM D 543)

Irrespective of thickness **ADESOBIT 1600X** is resistant to chlorides, sulphates and phosphates found in ground water.

### STORAGE / HEALTH HAZARDS

Keep **ADESOBIT 1600X** stores on pallets placed on level surfaces under shade or cover.

There are no health hazards associated with normal usage. Wear gloves while handling to avoid injury.

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Submitted by :

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