

Al Hosan

Bituminous roofing felt

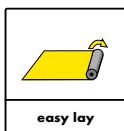
Tough, flexible membrane with excellent elongation properties

ADVANTAGES

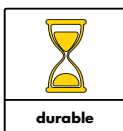
- ▶ Excellent elongation.
- ▶ Polymer modification gives long term flexibility in harsh climatic conditions.
- ▶ Raditional application for acceptance by on site labour.
- ▶ Extremely durable.
- ▶ Long term cost efficiency.



waterproofing



easy lay



durable

DESCRIPTION

Al Hosan consists of 2 layers of HDHT polyethylene film with polymer modified bitumen. A unique technology involving polymerization to the polymers used in the blend resulting in a tough yet flexible membrane with excellent elongation properties

USES

Al Hosan membranes are used as water-proofing or damp proofing membranes intended for concrete protection. It may be used for horizontal and vertical application and as a damp proof course for tanking below ground structures, subways and retaining walls

APPLICATION

Surface preparation

A smooth, regular and dry surface is always a must for good application. The substrate should be completely free of any protrusions or cavities. The presence of oily substances, frost or other moisture should be completely avoided.

Application

The installation procedures are to be as follows:

1. Unroll only the required length, and cut the piece to the desired shape and size.
2. Place the pieces of membrane on the area to be covered, and check whether they match with the profile of the marked substrate.



3. Al Hosan can be placed either by pour and roll method or by the use of a contact adhesive for vertical areas.
4. Place a Bituboard on top of the membrane soon after the application in order to prevent any damage from exposure to sunlight, backfilling.

HANDLING

Al Hosan membranes are supplied in rolls of width 1m and lengths of 15m/20m. The membranes can be unloaded by hand or any other convenient means, but ensure the absence of any sharp or protruding edges within close proximity to avoid puncturing the membrane.

STORAGE

Al Hosan membranes must be stored in a shaded area on wooden pallets neatly covered by a thick fabric and tied securely in a manner that will minimize exposure to sunlight.

DISPOSAL

Al Hosan is a non-hazardous, non-flammable material and therefore can be disposed of in any regular disposal area. Al Hosan should be disposed of only after wrapping with paper, plastic or cloth as the modified material has

tendency to soften under heat and pressure, which would make further handling very difficult.

HEALTH AND SAFETY

Al Hosan contains a tacky bitumen compound and during application can adhere to human skin. Bitumen stains can be removed by using a cloth dipped in a light solvent. In case the affected area is sensitive, like the eye.

TECHNICAL DATA

PROPERTIES	VALUES	TEST METHOD
Roll length, m	20/15	UEAtc
Roll width, m	1	UEAtc
Roll weight, lb	40/30	UEAtc
Coating asphalt softening point (R&B), ° C	Polymer Modified Asphalt	ASTM D 36
penetration at 25° C	> 115 20-30	ASTM D 5
Tensile strength (L/T), N/5cm	130/60	UEAtc
Elongation at break (L/T), %	200/300	UEAtc
Tear resistance (L/T), N	80/50	UEAtc

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards. The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23°C and 50 % relative air humidity at laboratory conditions unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.



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