



MEHS Chem Industry  
Constructing better tomorrow

# **MEHS Solutions for Waterproofing Membrane & Heat Proofing Coating**



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# MEHS Waterproofing Products Portfolio

01

## 1.5 mm self Adhesive MEHS Asphalt Bituminous Roofing

### Production

Waterproofing self-adhesive membrane, produced with Polymer modified Bituminous adhesive, reinforced with composite base felt in the middle, and the adhesive layer protected by Silicon Release sheet, it's really a kind suitable waterproof membrane for after-pouring concrete or cement mortar mixture adhesion.

### Type

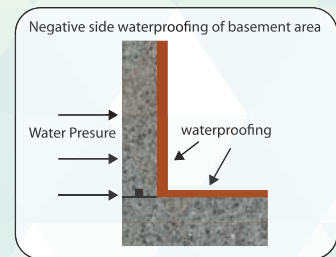
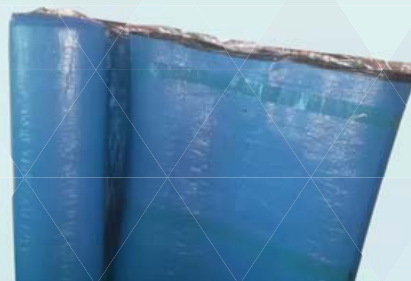
Single-side self-adhesive bitumen waterproof membrane;  
Double-side self-adhesive bitumen waterproof membrane;

### Specification

Width: 1.0m, Thickness: 1.5mm, 2.0mm, Length: 20m

### Finishes

Black PE/HDPE film, PET film



### Application

Industrial and civil engineering, underground engineering, such as subway, basements, tunnel, water conservancy, water pools, shelter, grain depot and garbage treatment. 1.5 inch to 2 inch concrete casting required on the top of the applied membrane.



02

## 2 mm/3 mm MEHS Torch Applied Bituminous Membrane

**Production:** MEHS Torch Applied Membrane is a line of polymer-modified bitumen waterproofing membrane of the highest quality. MEHS Torch Applied Membrane is modified by APP and APAO, thus guaranteeing superior performance under various conditions.

MEHS Torch Applied Membrane is reinforced with 250 gm /m<sup>2</sup> spunbond Non-woven polyester (P) which provides high mechanical properties.

**Type:** Single-side self-adhesive bitumen waterproof membrane; Double-side self-adhesive bitumen waterproof membrane;

**Specification:** Thickness: 2mm/3mm /4mm, Length: 10m.

**Finishes:** Black PE/HDPE film, PET film

**Application:** Industrial and civil engineering, underground engineering, such as subway, basements, tunnel, water conservancy, water pools, shelter, grain depot and garbage treatment. 1.5 inch to 2 inch concrete casting required on the top of the applied membrane.

03

## 3 mm MEHS Sand blasted bituminous membrane

### Description

MEHS Sand blasted bituminous membrane bitumen membrane are plastomeric waterproofing membranes manufactured from a rich mixture of bitumen and selected polymers (Atatic Poly Propylene) blended together to obtain excellent heat & UV resistance and waterproofing properties. The polymerized bitumen is coated on to a dimensionally stable reinforcement core of non-woven spun bond polyester rot-proof fabric. The membrane has excellent tensile & tear strength and has high fatigue and puncture resistance. No Concrete casting required on the for of the applied membrane.



Is used as waterproofing/damp proofing membrane for protection of various substrates in wide range of applications which included the following:

- Roofs
- Terraces, balconies & patios
- Sunken slabs
- Concrete foundations & footings
- Basements
- Pile heads
- Bridges & tunnels
- Airport aprons & ramp areas

### Advantages

- High resistance to positive water & vapor pressure
- Good dimensional stability under tension
- Excellent flexibility
- High puncture and fatigue resistance
- High tensile and tear strengths
- Resists water borne chemicals
- Accommodates structural movement

### Application

Application procedure may vary slightly depending upon site conditions. However below given are general guidelines.

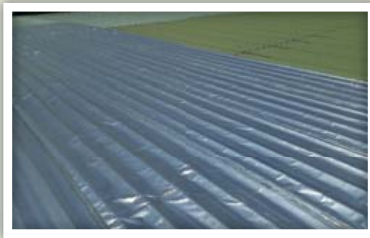
### Torching

Use gas burner to heat substrate and undersides of MEHS Sand Blasted Membrane. Embossing on the lower face of the membrane allows a fast and safe laying. When embossing disappears after torching the membrane is ready to stick. Roll forward and press firmly against the substrate to bond. Caution: Do not over torch as this will expose the reinforcement in the membrane and cause damage to it. No Concrete casting required an the for of the applied membrane.

04

3 mm MEHS Stone Blasted Bituminous Membrane





05

## 1.5 mm /2mm MEHS 2000 ALM with aluminum top surface

### Description

MEHS 2000ALM is a cold applied and flexible base ply for approved Exposed roof structure project. Produced with high quality bitumen adhesives, top layer surfaced with Aluminum film, and bottom layer surfaced with silicon-oiled released PE film.

### Advantages

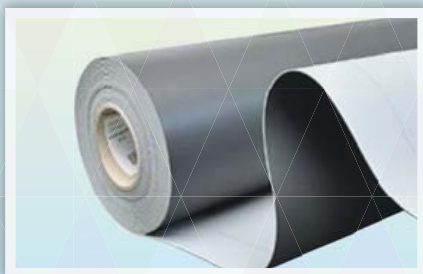
- Cold application, overlapped by itself, keep good continuity;
- Excellent UV-resistance performance;
- Flexibility- simplify details treatment and accommodate for structure movement;
- Excellent tensile strength and chemical resistance performance;
- Waterproof - capable of resisting a hydrostatic head when fully supported

### Application

Before installation, keep substrate surface clean, dry and free from ice/water and will be treated by primer. Application temperature above MEHS 2000ALM shall be laid by peeling the silicon-oiled released film, and applying the adhesive surface to approved substrate. MEHS 2000 ACM will be exposed to the Air.

06

## 2 mm MEHS PVC waterproof Membrane



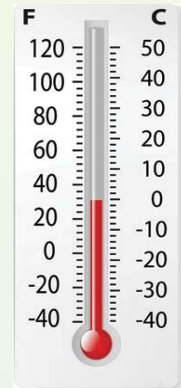
07

## Beat the Summer Heat with MEHS. Heat Reflecting Coating

Standard or dark coloured roofs have been proven to reach blistering temperatures of 150°F or 65.6°C or more in the scorching summer. Whereas, a cool roof stays more than 50°F cooler under the same conditions. Imagine the amount of saving in terms of energy and money it can achieve by simply using less air conditioning. Other prominent benefits of cool roofs are

Improving indoor comfort for spaces that are not air conditioned, such as garages or covered patios  
Decreasing roof temperature, thereby extending roof service life

The Fast, Easy, High Performance Waterproofing cum Heat Reflecting Coating System with an astonishing SRI of more than 100!



### Company profile:

MEHS Chem Industry has been started its journey as one of the pioneer in the Construction chemicals Industry on 2014. Our well organized Concrete Admixtures plant situated in Muktarpur, Munshigonj which is only 40 KM away from Dhaka. We are one of the key player manufacturing the concrete Admixtures in Bangladesh, our vision is to meet the expanding demand of Concrete Admixtures by supplying renowned Ready Mix Concrete (RMC) manufacturer and to the numbers of infrastructures projects like Power plant, water treatment plant, bridges etc.



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### Corporate Office:

House No-134 (4<sup>th</sup> floor) Eastern Road  
Lane-5, Mohakhali DOHS, Dhaka-1206.

+88 02 9833392, +88 01928024067  
+88 01680126907, +88 01919004310  
@ mehschemltd@gmail.com  
www.mehschem.com.bd



### Factory:

Muktarpur, Munshigonj Sadar,  
Munshigonj, Bangladesh



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**Corporate Office:**

House No-134 (4<sup>th</sup> floor) Eastern Road

Lane-5, Mohakhali DOHS, Dhaka-1206, Tel: +88 02 9833392

Mobile: +88 01928024067, +88 01680126907, +88 01919004310

E-mail: mehschemltd@gmail.com



**Factory:**

Muktarpur, Munshigonj Sadar,

Munshigonj, Bangladesh

Mobile: +880 1979240004

[www.mehschem.com.bd](http://www.mehschem.com.bd)