

MAXSHIELD® 150W

SBS SELF ADHESIVE SHEET MEMBRANE



INTRODUCTION

Maxshield 150W is a cold applied self adhesive bituminous membranes. It is manufactured and formulated from modified SBS bitumen and high performance adhesive layer. This selected materials made very easy to installation. It is supplied in rolls 1meter width x 15meter long and 1.5mm thickness.

AREA OF USES

Maxshield 150W can be used as waterproofing purpose to many areas include foundations, below grade structures, retaining walls, balcony, roof desks, flat roofs, planter boxes and all concrete structures.

ADVANTAGES

- Excellent adhesion to concrete.
- Good flexibility.
- Fast and easy installation.
- Watertight.
- Uniform thickness.
- Resistance to acids and alkalis.
- Nominal thickness 1.5mm.

TECHNICAL PROPERTIES

Color: black

Roll size: 1meter width x 15meter long

Thickness: 1.5mm

Weight per roll: approx 25kg

Flash point: >70°C

Adhesion to primed concrete: >4.0 N/mm

Tensile strength

Longitudinal: 25 N/mm²

Transverse: 17 N/mm²

Elongation

Longitudinal: 380%

Transverse: 320%

Moisture transmission rate: 0.38g/m/24hrs

Application temperature: 5°C-40°C

PREPARATION

Concrete substrate must be sound, smooth, clean, dry and free from loose materials, oil, grease or any other contaminants. In case of substrate has moisture on surface use flame torch to dry up surface prior to apply primer.

PRIMING

Apply **Maxshield Primer** on prepared substrate at approximate coverage rate 5m² per litre and allow to dry.

APPLICATION

Maxshield 150W should be applied from lowest point. All joints, angles and end points must be overlap at minimum 75mm. Internal and external corners should be reinforced with 300mm membrane strip. End laps should be sealed. Ensure the membrane is perfectly stick and adhere with concrete substrate and no air pockets. It is recommended to protect the membrane by protection boards immediately. Do not exposed the membrane to direct UV for long period. **Maxshield 150W** must be installed by experiences, trained and approved applicators.

PACKAGING

Roll size: 1meter x 15meter.

Roll weight: approx 25kg.

STORAGE

Storage in shade and dry condition at 10-40°C. Avoid from sunlight, UV, frost, water, moisture and high temperature. Store in vertical position.

SHELF LIFE

12 months if kept follow instructions.

PRECAUTIONS

There is no hazard associated with use of **Maxshield 150W**. However gloves and safety goggles is recommended and follow standard safety precautions.

CONTACT DETAIL

THAILAND

Rockmax Company Limited

T: +66 2 8648658

F: +66 2 4184327

E: info@rockmax.net

W: www.rockmax.net

VIETNAM

Viet Dai Viet Chemical Company Limited

T: +84 86 2615184

F: +84 86 2615185

E: rockmaxvn@gmail.com

IMPORTANT NOTE!!

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