

KENFLEX APP

APP modified bitumen plastomeric waterproofing membrane reinforced with spun bond non-woven polyester



Description:

KENFLEX APP is modified by APP and thus guaranteeing superior performance under various conditions. KENFLEX APP is reinforced with spun bond non-woven Polyester which provides high mechanical properties. KENFLEX APP with Mineral Slated Finish is recommended for exposed roofing system (Unprotected) for Non-accessible roofs or roofs subject to low traffic conditions.

Advantages:

KENFLEX APP has been designed with special regard to provide clients with an excellent and versatile product.

Advantages of KENFLEX APP include:

- Easy to apply (by torch)
- High mechanical properties
- Absolute impermeability to water pressure
- Flexibility at low temperature up to -2c°
- Excellent high temperature performance
- Excellent adhesion on any surface
- High dimensional stability
- Environmentally friendly

Uses:

KENFLEX APP is a general purpose membrane, can be applied virtually anywhere where torch applied modified bitumen membranes subject to light to moderate mechanical stresses are specified, and normal low temperature performance is required.

KENFLEX APP can be applied on:

- Single layer roofing system for normal use.
- Double layer roofing system combined with fiberglass reinforced.
- Waterproofing of toilets & wet area inside buildings.
- Slab on grade.

Substrate preparation:

Surface should be clean, free of grease, oil, dust or any loose material. Prime surface with BITUMEN BF4 primer. KENFLEX APP Membrane can be applied to the below surfaces.

- Concrete / cement
- Mastic Asphalt
- Corrugated iron
- Slate tiles

Application:

KENFLEX APP membranes are installed by propane torch welding method, loose laid or fully bonded to the substrate depending on system requirements.

While unloading from truck the rolls shall by no means allowed to fall or be thrown down from the truck.

To avoid applying the membrane to sharp corners with 90° angle, sand cement fillet strip 5x5 cm should be executed at horizontal - vertical intersections.

Surface to be waterproofed should be clean, dry, free from dust and smooth, in case of irregular surface a sand cement screed is recommended. Before laying KENFLEX APP membranes, surface should be primed with cold applied bituminous primer BITUMEN BF4 PRIMER

Membrane is unrolled and placed in aligned position.

Each roll should overlap the next by 10cm side laps and 15cm staggered end laps. Then, membrane should be re-rolled about half of its length without changing its orientation.

Using a propane gas torch the membrane is un-rolled again slowly while applying the flame to the entire exposed lower face (For fully bonded system) - until the plastic cover film burns off and the bituminous mass starts melting, thus creating a heat weld between the membrane and the substrate.

Then torching of the seams takes place by heating the contact line at side and end laps by torch from above, pressing the upper membrane on to the lower one using a trowel, the torch has to be carefully used avoiding to keep the flame on the same point for too long.

For sloping roofs start laying the membrane from the lower edge with longitudinal direction of rolls perpendicular to slope direction, side lap of next roll to be placed above the first one, etc ...

Coverage:

1 Roll of KENFLEX APP can cover 9m² with overlaps

Packaging:

1M x 10M x 4mm Roll - Plain

1M x 10M x 4mm Roll - Grey Mineral

Weight of 4.5KG

Storage:

KENFLEX APP membranes should be stored vertically in well covered and ventilated place not subject to direct sunlight.

Equipment care:

Clean all tools used immediately

Safety Precautions:

KENFLEX APP roll is a non-flammable, yet it can burn slowly if the surface is dry. Use protective clothing and eye wear when handling the product, if in contact with skin or eyes, wash with clean water.

Physical Properties:

Heat Flow resistance - cured film will not sag or flow when in contact with ambient temperature.

Resistant to:

- water, salt solutions, dilute acid and alkali.

Non-resistant to:

- oil, solvents, and detergent solutions.

Note:

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local KENBRO INDUSTRIES LTD representative.

KENBRO INDUSTRIES LTD reserves the right to have the true cause of any difficulty determined by accepted test methods.

KENBRO INDUSTRIES LTD**HEAD OFFICE:**

Corner of Wambugu Road and Limuru Road

T - (020) 242 2242/3 | (020) 243 3383/5

M- 0724 255 674 | 0735 633 199

KENBRO INDUSTRIES LTD**FACTORY:**

Off Mombasa Road

T - (020) 354 7945/6/7 | (020) 3535463

M - 0722 848585 | 0733697959

info@kenbro.co.ke | www.kenbro.co.ke