

### DESCRIPTION

**SABIT ELASTO SEP** is the Ultimate Waterproofing Membrane. The multilayered design consist of non-woven polyester core, impregnated and coated on both sides with SBS (Styrene-Butadiene-Styrene) modified bitumen and finally finished with heat fusible polyethylene film on both surfaces. **SABIT ELASTO SEP** modified bituminous waterproofing membrane are produced from a blend of special grade of synthetic rubber and bitumen. This combination increase the degree of elasticity, excellent resistance to heat, ageing & weathering, and ease of application by torch welding. The polyester core gives the membrane high tensile strength, elongation and superior lap joint strength.

**SABIT ELASTO SEP** is available in two basic finishes:

- Finish with polyethylene surfaces for covered application **SABIT ELASTO-SEP**
- Granular surfacing for exposed application **SABIT ELASTO SEP-G**

### FEATURES

- \* Total Impermeability for complete waterproofing.
- \* Superior flexibility because of its high content of rubber.
- \* Stability at high ambient temperature
- \* Good performance at broad temperature range
- \* Compatible with all roofing and building component
- \* Good bond ability and seam integrity

### Uses:

**SABIT ELASTO SEP:** It could be widely used in all kinds of waterproof engineering projects in all fields, especially for the following types of engineering projects:

- All kinds of building roof engineering projects, treading, non-treading, planting building surfaces, Roof parking lots, and converted building surfaces.
- All kinds of underground waterproof or damp-proof engineering projects.
- Water spraying pools, swimming pools, penstocks, water pools, and similar works.
- Recommended for areas with cold climate.

### Limitations:

**SABIT ELASTO SEP:** is not designed to be used in permanently exposed surface. Use **SABIT ELASTO SEP-G** surface for such purpose or use **SABIT ELASTO SEP** with a covering of insulation or ballast. Neither **SABIT ELASTO SEP** nor **SABIT ELASTO SEP-G** are oil and solvent resistance.

### Surface Preparation:

- Clean the surface smooth and free of moisture and debris or any kind of substance that would prevent the membrane from adhering properly.
- The roof must have a minimum slope of 1% (10mm per meter) evenly and continuously towards the drains.
- Surface must be primed with **SABIT Primer D41**.

### Membrane Installation:

- Unroll the membrane, making sure that the edge (side lap joint) is aligned with the low point of the roof. Re-roll one end to the center of the roll and apply; then proceed with the opposite half. Proceed up the slope with further rolls.
- The end of the propane torch head should be positioned between 150mm and 300mm from the surfaces, depending on the weather conditions. Maximum heat is obtained at the blue end of the flame. The welding procedure will be more effective if the torch and thus the flame is moved continuously in a rectangular pattern from the roll to the substrate. The movement should be slowed over the joint of the base sheet in order to apply enough heat to soften the bitumen and to fill possible voids.
- For best results, make sure that there is always a small amount of molten bitumen in front of the roll being heat welded. When in doubt, re-roll and strings of bitumen should appear between the roll and the substrate.

### Packing:

SEP/ SEP-G: FOR 4 MM= 23 Rolls per pallet  
SEP/ SEP-G: FOR 5 MM= 18 Rolls per pallet

### Storage and Handling:

- Vertically stored the rolls in pallets.
- Store under shaded warehouse.
- Rolls in pallet should not be stored over the other.

### Manufacturer's Warranty:

Subject to conditions and limitations of **SABIT'S (Saudi Bitumen Industries Co. Ltd.)** written warranty.

**Note:** **SABIT (Saudi Bitumen Industries Co. Ltd.)** may modify the composition and/or utilization of its products without prior notice consequently orders will be filled according to the latest specifications.



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