Example of a Torch-on Membrane System for Exposed Non-Insulated Roofs

**Bitumen Membrane System**

**Counter Flashing System**

**Base Flashing**

**Apexior 7 Bitumen Aluminium**

**Bituminous Primer SB**

**Patching Compound Coving**

**NiloPlast PX 4mm**

**NiloPlast PX 3mm**

**Slope Concrete**

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**Bitumen Primers and Topcoats**

**Bituminous Primer SB**

A solvent based, bitumen primer for concrete / mineral substrates designed to seal porous, sound substrates prior to application of Bitumen Membranes.

**Characteristics**

- Single Pack
- Solvent Based
- Deep Penetrating
- Consolidates the substrate
- Provide enhanced adhesion of bituminous membranes
- Roller Applied

**Apexior 7 Bitumen Aluminium**

A single pack, rubberized bitumen aluminium paint with excellent flow and brilliance. Used as a protective reflective coating on new and old bitumen membranes to prevent UV degradation of bitumen membranes.

**Characteristics**

- Aluminium pigmented finish coat
- Highly reflective finish reduces temperature from UV.
- Provides protection against UV light, water and moisture, both inland and coastal.
- Brilliant aluminium / silver finish - offers excellent durability and weather stability.
- Improved long term flexibility results in longer time before maintenance requirements and better resistance to cracking.
### Torch-able Bitumen Membranes

#### NiloBit 2mm
- **Thickness**: 2 mm
- **Application**: Torch On
- **Cold Flexibility**: -5°C
- **Surface Finishing TOP/BOTTOM**: Sand / Burn off PE Film
- **Compound/Polymer**: APP Plastomeric
- **Reinforcement**: Polyester
- **Rolls per Pallet**: 28 Rolls for 2 mm
- **Dimensions (m)**: 10 X 1
- **Tensile Strength**: 350 N / 50 mm Longitudinal
  250 N / 50 mm Transverse

NiloBit 2mm is an economic APP Polymer modified waterproofing membrane reinforced with woven polyester recommended as a surface slip sheet, as an underlay in multi-layer waterproofing systems and as a vapour control layer.

#### NiloPlast 0 PX
- **Thickness**: 3 mm & 4 mm
- **Application**: Torch On
- **Cold Flexibility**: -5°C
- **Surface Finishing TOP/BOTTOM**: Sand / Burn off PE Film
- **Compound/Polymer**: APP Plastomeric
- **Reinforcement**: Polyester
- **Rolls per Pallet**: 28 Rolls for 3 mm and 23 Rolls for 4 mm
- **Dimensions (m)**: 10 X 1
- **Tensile Strength**: 900 N / 50 mm Longitudinal
  650 N / 50 mm Transverse

NiloPlast is a plastomeric APP polymer modified waterproofing membrane reinforced with non-woven polyester with a sand upper finish. A universal membrane to be applied as a multi-layer waterproofing system on flat and pitched roofs.

#### NiloShield Dual
- **Thickness**: 4 mm
- **Application**: Torch On
- **Cold Flexibility**: -5°C
- **Surface Finishing TOP/BOTTOM**: Sand / Burn off PE Film
- **Compound/Polymer**: APP Plastomeric
- **Reinforcement**: Dual (glassfibre and non-woven polyester)
- **Rolls per Pallet**: 23 Rolls
- **Dimensions (m)**: 10 X 1
- **Tensile Strength**: 800 N / 50 mm Longitudinal
  500 N / 50 mm Transverse

NiloShield Dual is a high performance, APP polymer modified waterproofing membrane with dual reinforcements (glassfibre and non-woven polyester) with a sand upper finish. Used as a multi-purpose waterproofing membrane for applications requiring high dimensional stability and resistance to considerable mechanical stresses and moderate weathering conditions.

#### BituPlast CSM Mineral
- **Thickness**: 4 mm
- **Application**: Torch On
- **Cold Flexibility**: -15°C
- **Surface Finishing TOP/BOTTOM**: Polyethylene Film / Burn off PE Film
- **Compound/Polymer**: APP Plastomeric
- **Reinforcement**: Composite Polyester
- **Rolls per Pallet**: 23 Rolls
- **Dimensions (m)**: 8 X 1
- **Tensile Strength**: 1200 N / 50 mm Longitudinal
  1100 N / 50 mm Transverse

BituPlast CSM is a high performance, APP polymer modified waterproofing membrane with composite polyester reinforcements and a mineral upper surface finish. The combination of polymer reinforcement and surface finish reduces the membranes exposure to thermal stresses and provides excellent tensile tear and puncture resistance. With significant dimensional stability that extends service life and decelerate aging of the membrane.

#### BituBond CZ
- **Thickness**: 4 mm
- **Application**: Torch On
- **Cold Flexibility**: -15°C
- **Surface Finishing TOP/BOTTOM**: Polyethylene Film / Burn off PE Film
- **Compound/Polymer**: APP Plastomeric
- **Reinforcement**: Non-woven Polyester
- **Rolls per Pallet**: 23 Rolls
- **Dimensions (m)**: 10 X 1
- **Tensile Strength**: 1050 N / 50 mm Longitudinal
  650 N / 50 mm Transverse

BituBond CZ is a heavy duty APP Polymer modified waterproofing membrane with composite polyester reinforcement and a sand upper finish. Offers exceptional dimensional stability and excellent resistance to chemicals & UV. BituBond CZ has superior resistance to impact, tear and puncture and performs exceptionally well in both cold & hot climates. Available only as 5mm. This product is suitable under asphalt or paving for car parking deck applications.

#### BituGarden
- **Thickness**: 4 mm
- **Application**: Torch On
- **Cold Flexibility**: -15°C
- **Surface Finishing TOP/BOTTOM**: Polyethylene Film / Burn off PE Film
- **Compound/Polymer**: APP Plastomeric
- **Reinforcement**: Non-woven Polyester
- **Rolls per Pallet**: 23 Rolls
- **Dimensions (m)**: 10 X 1
- **Tensile Strength**: 1050 N / 50 mm Longitudinal
  650 N / 50 mm Transverse

BituGarden is an Anti-Roof modified bitumen waterproofing membrane for roof gardens, terraces, planters and all waterproofing applications where membrane is subject to root penetration. Specially designed to resist roots and its penetration.
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