



# ANQA SPECIAL-140

## Premium Bituminous APP Modified Membrane

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### DESCRIPTION:

**ANQA SPECIAL 140** membrane is considered with a higher grade of bitumen, APP polymers, additives, spun bonded non-woven polyester reinforcement 140 gsm, demonstrating good waterproofing performance characteristics that meet the diverse demands of waterproofing applications in the construction industry. ANQA SPECIAL 140 membrane forms a water-resistant blanket and withstands normal structural movement.

### ADVANTAGES:

- Consistent tensile strength and elongation to withstand dynamic movements in structures.
- High impact strength, resistance to tears and punctures.
- Stability at high temperatures.
- Resistance to salts and waterborne chemicals.
- Reliable bonding ability and seam integrity with fast, easy, and clean application.

### USES:

Recommended to avoid risks of damp and water leakage in:

- Concrete roof and floor slabs
- Basements
- Foundations
- Swimming Pools
- Fountains
- Drain gutters
- Bathrooms
- Reservoirs
- Bridges
- Tunnels
- Sub-grade structures
- Car Park Deck Slabs

### SURFACE CLEANING

All surfaces should be smooth, clean and dry. Ensure it is free of nails, grease, dust, debris, oil, and protruding elements.

### TECHNICAL SPECIFICATION:

PROPERTIES	TYPICAL RESULTS	TEST METHOD
Appearance	No defects, holes, tears, cracks or blisters	ASTM D-5147
Roll Size, m	10 x 1	ASTM D-5147
Thickness, mm	4 ± 0.2	UEatc
Weight	4-5	UEatC
Polyester Carrier (g/m <sup>2</sup> )	140	UEatc
Minimum Mass per Unit Area (gm/m <sup>2</sup> )	4200 - 4300	UEatc
Tensile Strength (N/5cm, L/T) at 23 ± 2°C:	450/350	ASTM D-5147 UEatc
Lap Joint Strength (N/5cm, L/T)	700/550	ASTM D-5147 UEatc
Elongation (%) at 23 ± 2°C (Longitudinal)	28	ASTM D-5147
Tear Strength (N) at 23 ± 2°C (Longitudinal/Transversal)	220/200	ASTM D 1004
Low Temperature Flexibility	+5 - 0	ASTM D-5147
Dimensional Stability (% Change)	1	ASTM D-5147
Compound Stability (°C, Heat Resistance, 2 Hrs)	110	ASTM D-6222 DIN EN52123
Water Absorption (% Maximum)	>0.15	ASTM D-5147
Moisture Content (% Maximum)	1	ASTM D-5147

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### PRIMING

Apply one coat of primer and we recommend to use Anqaprime D41. Allow the primer coat to dry until it is tack-free. Prior to the application of the membrane, all surfaces must be re-primed if left uncoated for more than 24 hours.

### APPLICATION:

The membrane is unrolled and placed in the correct position. Each roll must overlap the sides by at least 10 cm, while slowly unrolling the membrane the surface is lightly heated by means of a propane gas torch causing surface melting and subsequent adhesion to the surface. End joints require a minimum overlap of 15 cm.

### APPLICATION TOOLS AND EQUIPMENT:

- Propane gas torch with related gas cylinder
- Knife/cutter
- Trowel with a rounded tip
- Measuring Tape
- Fire Extinguisher

### STORAGE

Store under a roof, keeping the rolls covered on pallets. Protect from direct sunlight and extreme temperatures, and stack in a vertical position. Avoid stacking pallets on top of each other.