



# USA PRO CAP SHEET POLYESTER TORCH



## DESCRIPTION

THERMOTEK™ USA PRO POLYESTER TORCH tough modified bitumen membrane with APP (Polypropylene Atactic) and reinforced with non-woven polyester mat which provides its high functionality characteristics. The top surface is available in different finishes like fired ceramic gravel, sanded gravel or polyethylene finish; the bottoms has a polyethylene finish. The sand blasting final finish is generally used for additional finishes or coverings such as tiles, brickworks, ceramic tiles, concrete floor and asphalt pavement. The gravel protects the membrane providing a pleasing appearance and is used as final finish.

## PROPERTIES:

Physical Property	Test Method (ASTM)	Value
Dimensional Stability	D-5147	DOES NOT FLOW
Polyester Reinforcement lb/sqft (gr/m2)	N/A	0.0368 lb/sqft (180 gr/m2)
Longitudinal Elongation, %	D-5147	45
Transversal Elongation, %	D-5148	45
Longitudinal Tensile Strength, N	D-5147	400 (90)
Transversal Tensile Strength, N	D-5148	294 (66)
Low Temperature Flexibility, 14 °F (-10°C)	D 1547	APPROVED

## PRESENTATION:

Product Specifications	
Roll Size	1 SQ (107,61 sqft)
Roll Length	32,80 ft
Roll Width	3,281 ft
Approx. Roll Weight	85.68 lbs
Roll Thickness	3.5 mm
Top surface finish	GRAVEL: WHITE, LIGHT BROWN, DARK BROWN, WEATHERWOOD, BUFF and RED, SMOOTH AND SANDED
Yield	93,646 sqft

## PREPARATION

The slabs, parapets and other elements must be fully completed and free of any masonry work, electrical, plumbing or otherwise, since it is not possible to work in the roofing system while there is something pending that might affect the installation. • The surface must have a sizeable slope sufficiently to allow the evacuation of rainwater; this slope shall be a minimum of 2% in every corner of the roof. If any area that by their design tend to create hidden corners, diamonds should be made to draw water from these corners and redirect them to the general slope,

these diamonds should have a minimum of 5%, starting at the top of the chamfer and ending at the level of the surface. • The surface should be as smooth as possible and have no bumps or hollows to prevent ponding water.

## SURFACE PREPARATION

Scrape the surface to remove any adhered substance or mixture. The surface should be roughened to a depth of a minimum width of 2" in asphalt, or 4" in CONCRETE, less 8.0mm of the proposed waterproof roofing system. The surface could have a rough finish if it allows the adherence of the roofing system and being careful by not leaving holes or bumps. A smooth surface it is not mandatory.

## APPLICATION TOOLS

Metallic trowel with rounded tip, regulated blowtorch, house and propane tank.

## CAUTION:

*Do not apply the product at temperatures below to 41°F (5°C) neither higher than 118°F (48°C). It is not recommended to apply the product when there is a rain threat. For more information see the MSDS.*

## STORAGE

The product must be stored on a vertical position, never horizontal. Maximum load on two beds with a base between them. The roll must be handled with caution in order to not damage it and to avoid cutting or perforating the membrane. It must be stored on a closed place, to avoid their exposition to sunlight during long time periods.

## CLEAN UP

This Modified asphalts system requires cleaning every three months using detergent (such as TSP or TSP substitute) and water only. Clean application tools and equipment with 100% Pure Mineral Spirit.

## YIELD

COVERAGE (NOMINAL) 100 sqft





# SELF ADHESIVE POLYESTER 2.0 BASE SHEET

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## APPROVALS AND CERTIFICATIONS



We as THERMOTEK GROUP guarantee that since our products are shipped from the production plant they will be free of manufacturing defects; all the recommendations contained herein follow tests we consider as reliable and are subject to change without prior notice. THERMOTEK GROUP does not assume any responsibility for coverage, performance on injuries resulting from storage, handling or use of our products. Liability, if any, is limited to product replacement, to the terms stated within the executed warranty.

