

MAMMOUTH NEO[®] CAP

MAMMOUTH NEO CAP
PRODUCT # 10619

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

MAMMOUTH NEO Cap is a thermoplastic polyurethane (TPU) cap ply for use in approved multi-ply membrane and flashing assemblies. MAMMOUTH NEO Cap is composed of a proprietary formulation of bio-based TPU polymers reinforced with a tough, dimensionally stable non-woven composite polyester mat. The topside is surfaced with black mineral aggregate and underside is surfaced with polyolefin burn-off film to optimize heat welding.

STORAGE & HANDLING

Store rolls on end and maintain in an upright position to prevent damage. Store rolls in a clean dry location and cover as necessary to protect rolls from environmental damage such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of MAMMOUTH NEO Cap.

APPLICATION

Prior to installation, unroll MAMMOUTH NEO Cap onto the roof surface and allow to relax. Position MAMMOUTH NEO Cap in desired position and back roll the product. MAMMOUTH NEO Cap is then heat welded to approved substrates.



APPLICATION



HEAT-WELDED

QUICK FACTS

LENGTH (ft)	WIDTH (in)	COVERAGE* (ft ²)	THICKNESS (mils)	ROLL WEIGHT (lb)
32.8 (10.0 m)	39.4 (1.0 m)	97.9 (9.1 m ²)	87 (2.2 mm)	55 (25.0 kg)

* Coverage rate as reported assumes installation using side and end lap recommendations.



SOPREMA[®]

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TECHNICAL INFORMATION & TESTING

SHEET PROPERTIES	
Reinforcement	Composite polyester
Elastomeric bitumen	Proprietary blend of bitumen and TPU polymers
Top surfacing	Black mineral aggregate
Back surfacing	Polyolefin film
Selvage width, in (mm)	3 (76)
End lap, in (mm)	6 (152)

DIMENSIONS & MASS	
PROPERTY	
Thickness, mils (mm)	87 (2.2)

PHYSICAL PROPERTIES*	
PROPERTY	
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	50 (9.1)
Elongation at peak load @ 73.4°F (23°C), %	20
Tear strength @ 73.4°F (23°C), lbf (N)	33 (146)
Low temperature flexibility, °F (°C)	-4 (-20)
Dimensional stability, %	≤ 0.3
Static puncture, lbf (kg)	55 (25)
Compound stability, °F (°C)	215 (102)

* Tested in accordance to European norms - EN12311-1

* Values are the lesser of either MD or XMD