

MAMMOUTH NEO[®]

BASE

MAMMOUTH NEO BASE
PRODUCT #10620

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

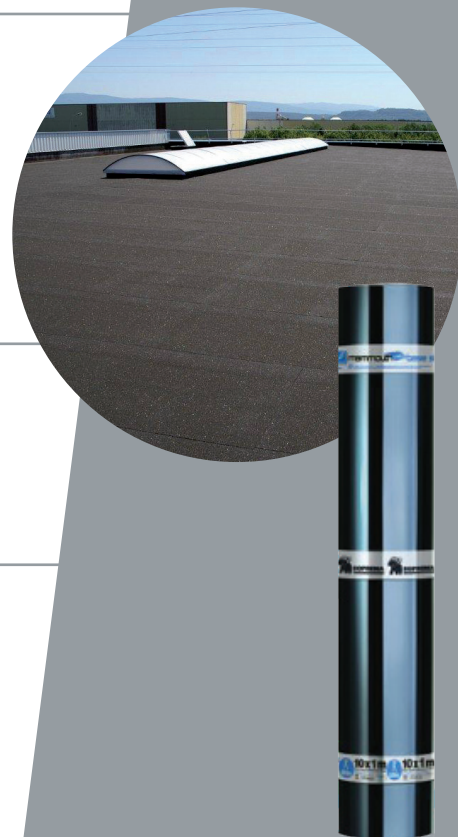
MAMMOUTH NEO Base is a thermoplastic polyurethane (TPU) self-adhered base ply for use in approved multi-ply membrane and flashing assemblies. MAMMOUTH NEO Base is composed of a proprietary formulation of bio-based TPU polymers in combination with a high tack self-adhesive layer and is reinforced with a high performance glass grid/glass fleece. The topside is surfaced with polyolefin burn-off film to optimize heat welding and the underside is surfaced with self-adhesive ribbon strips protected by a polyolefin release film that is removed during application.

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 Base.

APPLICATION

Prior to installation, unroll MAMMOUTH NEO Base onto the roof surface and allow to relax. Place MAMMOUTH NEO Base in desired position. Remove the protective release film from the underside of the sheet and roll MAMMOUTH NEO Base into place with a weighted roller. Subsequent approved inter-ply or cap ply membranes are applied to MAMMOUTH NEO Base via heat welding.



APPLICATION



SELF-ADHERED

QUICK FACTS

LENGTH (ft)	WIDTH (in)	COVERAGE* (ft ²)	THICKNESS (mils)	ROLL WEIGHT (lb)
32.8 (10.0 m)	39.4 (1.0 m)	100.3 (9.3 m ²)	79 (2.0 mm)	57 (26.0 kg)

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



SOPREMA[®]

www.soprema.us
310 Quadral Drive, Wadsworth, Ohio 44281
Toll Free: (800) 356-3521 | Tel: (330) 334-0066

TECHNICAL INFORMATION & TESTING

SHEET PROPERTIES	
Reinforcement	Glass grid/glass fleece
Elastomeric bitumen	Proprietary blend of bitumen and TPU polymers
Top surfacing	Polyolefin film
Back surfacing	Self-adhesive ribbons with release film
Selvage width, in (mm)	2.4 (60)
End lap, in (mm)	3 (76)

DIMENSIONS & MASS	
PROPERTY	
Thickness, mils (mm)	79 (2.0)

PHYSICAL PROPERTIES*	
PROPERTY	
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	90 (15.9)
Elongation at peak load @ 73.4°F (23°C), %	1
Tear strength @ 73.4°F (23°C), lbf (N)	33 (146)
Low temperature flexibility, °F (°C)	-4 (-20)
Dimensional stability, %	< 0.2
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