



CONTINENTAL MATERIALS, INC

Fasteners • Asphalt • Underlayments • Fiberboard • Tools

*"Quality Manufactured
Components...
Making Construction
Systems Perform Better
Since 1958"*

All-Weather APP 160 Smooth

Modified Bitumen

visit us at www.continentalmaterials.com

*"A Quality Roof
Installation Begins
with Superior
Materials"*

- **Durable...** CMI All-Weather™ APP 160 Smooth begins with a combination of atactic polypropylene modified asphalt along with a reinforced non-woven polyester mat provide superior weather resistance.
- **Cost Effective...** the installed cost of an All-Weather APP 160 Smooth is lower than most single ply systems in the market today.
- **Versatile...** ideal for both new construction and re-roofing applications - as a base ply, cap sheet or as a flashing ply in single or multi-ply applications.
- **Resilient...** All-Weather APP 160's reinforced polyester mat core allows flexibility while resisting splits and tears due to its elongation characteristics.
- **Superior Performance...** a durable roofing membrane that meets or exceeds the requirements of ASTM D6222 Type 1, Grade S.



All-Weather APP 160 Smooth

"Your Best Choice for Reliable Roof Performance"

**Superior
Performance**
for Low Slope Roofing



Description

All-Weather APP 160 Smooth membrane is a tough and resilient modified bitumen membrane consisting of premium asphalt, modified with atactic polypropylene, and reinforced with a non-woven polyester composite mat core, strengthened with continuous glass fiber reinforcing strands in the machine direction.

Uses

All-Weather APP 160 Smooth is engineered and designed as a roof covering for both new construction and re-roofing applications as a base ply, cap sheet or as a flashing material in single or multi-ply roofing applications.

Storage

Always store rolls upright on their original pallets and in a dry protected area.

Availability

All-Weather APP 160 Smooth and APP 180 Granule are available throughout the US. Check with your local representative for product availability.

Technical Information			
Property	Test Method	ASTM Requirement	Nominal Value
Product Thickness (mil)	ASTM D5147	140	150
Tensile Strength @ 0° F (min), lbf/in	ASTM D5147	60	66
Elongation @ 0° F (min), %	ASTM D5147	10	10
Low Temperature Flex (max), °F	ASTM D5147	32	14
Tear Strength (min), lbf	ASTM D5147	70	71
Dimensional Stability (max), %	ASTM D5147	1	0.3

PHYSICAL INFORMATION			
Roll Size, sq.ft. (m2)	98.0 / (44.8)	Approx. Roll Weight, lbs (kg)	109 / (49.8)
Roll Length, ft (m)	32.8 / (10.0)	Product Thickness, mil (mm)	150 / (3.8)
Roll Width, in (m)	39.4 / (1.0)	Rolls per Pallet	23

CMI Modified Bitumen products are intended for use by professional roofing contractors only, thoroughly trained and skilled in the use and handling of propane heat-weld equipment. It is the sole responsibility of the applicator to exercise all appropriate safety precautions during and after installation to prevent fire damage.



**"Quality Manufactured Components...
Making Construction Systems Perform Better Since 1958"**

No-Smell™ Asphalt



Virtually eliminates objectionable asphalt odors during the installation—so complaints from occupants and the neighbors disappear.

Fiberboard



Your best choice for reliable performance in asphaltic or single ply roofing systems. It's even environmentally-friendly!

Underlayments



Top quality synthetic and asphaltic underlayments at prices you can afford—and with quality that you can rely on every day.

Fasteners



Superior value has made us one of the largest and fastest-growing fastener suppliers in North America—for more than half a century!

Application Tools



Ultra-high purity, 100% cotton mops deliver long-lasting performance and the perfect balance between cost and service life.