



### ASTM 15

#### Uses & Description

MSA ASTM 15 is an asphalt saturated organic felt designed for use as an underlayment with asphalt shingles in commercial and residential applications

Meets Florida Approval BFL # 15067



#### Specifications

<b>ASTM</b>	D 226 TYPE I
<b>PLIABILITY, tested with 1/2" (13 mm) radius @ 77°F (25°C)</b>	NO FAILURES
<b>MOISTURE, at time of manufacturing</b>	4.3%, max
<b>LOSS ON HEATING, @221°F (105°C) for 5 hours</b>	4%, max
<b>NET MASS OF SATURATED FELT, lbs/100 ft<sup>2</sup></b>	11.5, min
<b>MASS OF SATURANT, lbs/100 ft<sup>2</sup></b>	6.2, min
<b>MASS OF DESATURATED FELT, lbs/100 ft<sup>2</sup></b>	5.2, min
<b>ASH, desaturated felt mass</b>	10%, max
<b>SATURATION</b>	120%, min

## ASTM 30

### Uses & Description

MSA ASTM 30 is an asphalt saturated organic felt designed for use as an underlayment with asphalt shingles in commercial and residential applications

Meets Florida Approval BFL # 15067



### Specifications

<b>ASTM</b>	D 226 TYPE II
<b>PLIABILITY, tested with 1/2" (13 mm) radius @ 77°F (25°C)</b>	NO FAILURES
<b>MOISTURE, at time of manufacturing</b>	4.1%, max
<b>LOSS ON HEATING, @221°F (105°C) for 5 hours</b>	4%, max
<b>NET MASS OF SATURATED FELT, lbs/100 ft<sup>2</sup></b>	26.0, min
<b>MASS OF SATURANT, lbs/100 ft<sup>2</sup></b>	15.0, min
<b>MASS OF DESATURATED FELT, lbs/100 ft<sup>2</sup></b>	10.0, min
<b>ASH, desaturated felt mass</b>	10%, max
<b>SATURATION</b>	150% min