



MID-STATES ASPHALT

Product Specifications

MSA #15

Uses & Description

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



Typical Properties (non rated #15 Felt)

| | |
|--|-------------|
| PLIABILITY, tested with 1/2" (13 mm) radius @ 77°F (25°C) | NO FAILURES |
| MOISTURE, at time of manufacturing | 4.3%, max |
| LOSS ON HEATING, @221°F (105°C) for 5 hours | 4%, max |
| NET MASS OF SATURATED FELT (lbs/100 ft²) | 12.3, min |
| MASS OF SATURANT (lbs/100 ft²) | 6.2, min |
| MASS OF DESATURATED FELT (lbs/100 ft²) | 5.2, min |
| ASH (desaturated felt mass) | 10%, max |
| SATURATION | 120% min |



MID-STATES ASPHALT

Product Specifications

MSA #30

Uses & Description

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



Typical Properties (non rated #30 Felt)

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|--|-------------|
| PLIABILITY, tested with 1/2" (13 mm) radius @ 77°F (25°C) | NO FAILURES |
| MOISTURE, at time of manufacturing | 4.1%, max |
| LOSS ON HEATING, @221°F (105°C) for 5 hours | 4%, max |
| NET MASS OF SATURATED FELT (lbs/100 ft2) | 26.0, min |
| MASS OF SATURANT (lbs/100 ft2) | 15.0, min |
| MASS OF DESATURATED FELT (lbs/100 ft2) | 10.0, min |
| ASH (desaturated felt mass) | 10%, max |
| SATURATION | 150% min |