

## Asphalt Saturated Organic Felts

**Asphalt Saturated Organic Felts** are manufactured from premium quality organic mat and saturated with high-grade asphalt.

### Usage

**Asphalt Saturated Organic Felts** are designed as an underlayment product to be applied over the roof deck prior to the installation of asphalt shingles. Install Asphalt Saturated Organic Felts as a secondary barrier to moisture caused by wind-driven rain and ice damming.

### Products

#### 15# ASTM SPECIFICATION FELT

- Meets ASTM D 226, Type I
- Dimensions: 144' X 36"
- Coverage per Roll: 4 Squares
- Approx. Sq. Ft. per Roll: 432 Sq Ft
- Also available in 3 Square Roll

#### 30# ASTM SPECIFICATION FELT

- Meets ASTM D 226, Type II
- Dimensions: 72' X 36"
- Coverage per Roll: 2 Squares
- Approx. Sq Ft per Roll: 216 Sq Ft
- Also available in 18" Split (108 Sq Ft) Roll

#### PRO 15 SPECIFICATION FELT

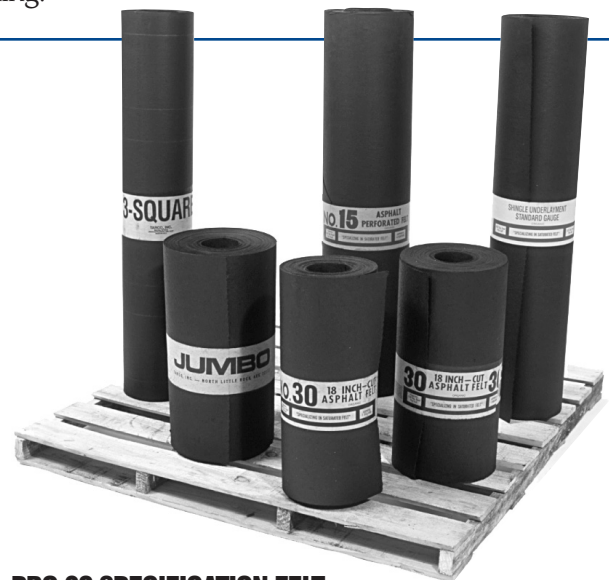
- Meets ASTM D 4869, Type I
- Dimensions: 144' X 36"
- Coverage per Roll: 4 Squares
- Approx. Sq Ft per Roll: 432 Sq Ft

#### NO 15 SPECIFICATION FELT

- Meets ASTM D 4869, Type I
- Dimensions: 144' X 36"
- Coverage per Roll: 4 Squares
- Approx. Sq Ft per Roll: 432 Sq Ft
- Also available in 3 Square Roll

#### NO 15 NON-SPEC FELT

- Dimensions: 144' X 36"
- Coverage per Roll: 4 Squares
- Approx. Sq Ft per Roll: 432 Sq Ft



#### PRO 30 SPECIFICATION FELT

- Meets ASTM D 4869, Type II
- Dimensions: 72' X 36"
- Coverage per Roll: 2 Squares

#### NO 30 SPECIFICATION FELT

- Meets ASTM D 4869, Type I
- Dimensions: 72' X 36"
- Coverage per Roll: 2 Squares
- Approx. Sq Ft per Roll: 216 Sq Ft
- Also available in 18" Split (108 Sq Ft) and Jumbo (180 Sq Ft) Rolls

#### NO 30 NON-SPEC FELT

- Dimensions: 72' X 36"
- Coverage per Roll: 2 Squares
- Approx. Sq. Ft. per Roll: 216 Sq Ft

### Storage and Handling

- Asphalt Saturated Organic Felt rolls require protection from damage and the weather.
- Constantly store rolls upright, in a dry location.
- When storing two pallets high, position a plywood sheet between pallets.



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## General Precautions

- ◆ Asphalt Saturated Organic Felt rolls shall not be installed when wet.
- ◆ The roof deck must be clear of all debris and moisture prior to installing the Felt.
- ◆ Do not walk on the Felt before fastening it into proper position on the roof deck.
- ◆ Install the primary roof covering immediately after installation of the Felt.
- ◆ Observe all Occupational Safety and Health Administration (OSHA) safety requirements during installation.
- ◆ Organic Felts must be installed as per Tarco published installation guidelines. Follow the National Roofing Contractors Association (NRCA) roofing manual and relevant application guidelines from the Asphalt Roofing Manufacturers Association (ARMA).
- ◆ Local codes may supersede these instructions. Check with the local building code administrator for specific requirements.

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## Application

- ◆ Organic Felt rolls must be installed horizontally, from the bottom of the roof deck.
- ◆ The first layer of Felt rolls must be installed to cover the entire bottom edge of the roof deck to facilitate the water shedding ability of the Felt.
- ◆ Anchor the top corner of the Felt roll after it has been properly positioned in place; then spread the roll across the roof. Care must be taken to roll out the Felt smoothly and to avoid any wrinkles as the Felt is unrolled across the roof.
- ◆ Install fasteners at least eight inches at the top and middle edges and at the eave along the deck.
- ◆ At slopes between 2:12 and 4:12 pitch, install a double layer of Felt as follows. Apply a minimum 19 inch wide strip of Felt parallel to and starting at the eaves, fastened sufficiently to hold in place. Starting at the eave, apply a full width Felt roll, overlapping successive sheets 19 inches, fastened sufficiently to hold in place.
- ◆ At slopes 4:12 and greater, a single layer of Felt rolls shall be installed parallel to and starting at the eaves, overlapped at least two inches, and fastened sufficiently to hold in place.
- ◆ The second course of Felt should be aligned with the roof edge and overlap the first course as described above, according to the roofing slope. Fasten the Felt to the deck and repeat the pattern.
- ◆ Continue to install the next course of Felt from the roof edge and overlap with the previous course as described above, according to the roof slope. If a new roll is required to complete the installation to the end of the roof, overlap the new roll over the prior roll by at least four inches. Use the same fastening pattern for the top, the middle and the bottom of the roll for all subsequent courses.
- ◆ The top of each subsequent course should be fastened intermittently to hold the edge in place until the next course is applied. Make certain to secure the fasteners at the bottom of the next course to hold the top of the previous course.
- ◆ Continue this pattern until the top of the roof. Fasten the top course if it terminates at the top edge of the roof. Otherwise, overlap the Felt over the ridge and fasten it. Repeat the process from the bottom of the other side of roof deck as described above, depending on the slope of the roof.
- ◆ In valleys, lay a vertical section of the Felt in the middle, along the length of the valley prior to installing a horizontal course of the Felt. If more than one section of Felt is installed in the valley, start at the bottom and overlap the top section by at least two inches to ensure proper shedding of water.
- ◆ Fasten the Felt in the valleys using the same pattern, taking care to avoid wrinkles. If wrinkles are formed while fastening the Felt, slice the wrinkles and fasten them flat to the deck. Then seal the cuts with waterproofing cement.

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**Warranty** Warranted to be free from manufacturer's defects.

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**Note** All statements, information and data given herein are believed to be accurate and reliable but are presented without guaranty, warranty or responsibility of any kind, expressed or implied, except as may be indicated otherwise in this literature.

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**Tarco**

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