SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

현장을 이해하고, 필요한 솔루션을 연결합니다.

산업안전 · 추락방지 시스템
산업용 소재 · 건축자재
제품 제안부터 공급·시공·설치·교육까지



COMPANY INFORMATION

스냅슛 (SNAPSHOOT)

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TECHNICAL DOCUMENTS

인증서 · 데이터시트 · 기술자료

제품의 규격과 성능, 인증 및 적용 조건을 확인하기 위한 자료입니다.

ABOUT SNAPSHOOT

제품 공급을 넘어, 현장에 맞는 해결책으로

스냅슛은 산업현장의 작업 환경과 요구 조건을 바탕으로
적합한 제품과 시스템을 제안합니다. 현장 실사를 통해 설치 조건을 확인하고,
공급부터 시공·설치 및 사용 교육까지 필요한 과정을 함께합니다.

추락방지 시스템

안전대부착설비 · 수평·수직 라이프라인
레일 시스템 · 리지드 포스트

밀폐공간 진입·구조 솔루션

데빗암 · 삼각대 · 구조용 윈치
윈치 안전블록 · 구조장비

산업안전 보호구

전신형 안전대 · 랜야드 · 안전블록
작업 환경에 맞춘 개인보호구

산업용 소재·건축자재

산업용 테이프 · 접착제 · 기능성 소재
구조용 스크류 · 목조건축 자재

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홈페이지 바로가기 →
문서 라이브러리 바로가기 →
시공사례 바로가기 →
문의하기 →

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English-US

Last Revision Date: April, 2025

Supersedes: June, 2024

Technical Data Sheet

3M™ Air & Vapor Through Wall Flashing Tape 3015TWF

Product Details

Regulatory Info/SDS

Product Description

3M™ Self-Adhered Through Wall Flashing Membrane 3015 TWF is specially designed for use as a through wall flashing and damp proof course. 3M™ 3015 TWF is an impermeable membrane with an aggressive, high tack acrylic pressure sensitive adhesive that does not require the use of a primer on most construction surfaces.

Product Features

• Exceptional puncture and abrasion resistance.
• Excellent adhesion to concrete, concrete block, anodized aluminum, galvanized metal, exterior gypsum sheathing and plywood. Primer not required in most applications.
• Flexible at low temperatures.
• Unique adhesive even adheres to damp surfaces that have not absorbed water, like metals, glass and plastics.
• Compatible with many building sealants including polyurethane, silicone and silane terminated hybrid sealants.
• Service temperature from -40°F to intermittently 240°F (-40° to 116°C).
• Can be applied from 0° to 150°F (-18° to 66°C)
• Resists UV exposure for up to 12 months.

Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Physical Properties

Attribute Name	Test Method	Value
Color		Black
Adhesive Type		Acrylic
Backing		Polyethylene
Total Tape Thickness	ASTM D3652	0.4 mm (15.5 mil)
Film Thickness		0.19 mm (7.5 mil)
Liner		Polycoated Kraft

Attribute Name	Test Method	Value
Moisture Absorption	ASTM D570	CGSB 37GP56M
Water Vapor Transmission	ASTM E96 MASTM EthoASTM D B	0.03
Nail Sealability	ASTM D1970	127 mm (5 in) [1]
Puncture Resistance Membrane	ASTM E154	>170 N (>38 lb)

[1] Water Head After 3 Days Dry

Typical Performance Characteristics

Attribute Name	Value
Minimum Long Term Temperature Resistance	-18 °C (0 °F) [1]
Long Term Temperature Resistance	66 °C (150 °F) [1]
Low Temperature Flexibility	30 °C [2]

[1] Long Term (day, weeks)
[2] Bend Test

Attribute Name	Test Method	Value
Elongation at Break	ASTM D412	>600 %
Tensile Strength	ASTM D412	>7 MPa (>1000 lb/in²)
Lap Adhesion	ASTM D1876	>4.2 N/cm

Handling/Application Information

Surface Preparation

• To obtain the best adhesion, 3M™ 3015 TWF should be installed when outdoor temperatures measure above 0°F to 150°F (-18°C to 66°C). Excellent adhesion to concrete, concrete block, anodized aluminum, galvanized metal, exterior gypsum sheathing and plywood. Primer not required in most applications.
• Surfaces should be clean, free from dirt and debris and have not absorbed water.
• Surfaces should be free of any damaged, unsupported areas, sharp protrusions or voids.
• Concrete must be cured a minimum of 7 days before application.
• Block or brick walls should have mortar joints stuck flush.
• 3M™ 3015 TWF adheres to most common building materials. For difficult-to-stick-to surfaces, test adhesion before application. If needed, apply 3M™ Hi-Strength 90, 3M™ Hi--Strength 94 ET Spray Adhesive, 3M™ ScotchWeld™ Holdfast 70, or 3M™ Fastbond™ Contact Adhesive 30NF to prime the substrate prior to applying the membrane.

Application Techniques

• Overlap all joints by 50mm (2"). Keep 3M™ 3015 TWF back 12mm (½") to 25mm (1") from outside face of wall or veneer.
• Detail work must be carefully executed to ensure a continuously sealed building envelope: at all laps, seams, penetrations, and along top edges of 3015 TWF, apply a continuous bead of sealant such as 3M™ Polyurethane Sealant 540. Form end dams as required and use sealants at laps. Top or leading edge of 3M™ 3015 TWF must be sealed to prevent rain water from migrating behind the membrane.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 24 months from date of manufacture.

Available Sizes - Detailed

300mm (12 in), 400mm (16 in), 450mm (18 in) x 75 feet.

Roll size Theoretical Coverage
12" by 75 ft 75 ft^2
(30.48 cm x 22.86 m) (7 m^2)

16" by 75 ft 100 ft^2
(40.64 cm x 22.86 m) (9.3 m^2)

18" by 75 ft 112.5 ft^2
(45.72 cm x 22.86 m) (10.45 m^2)

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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