

SAFEWELD™ X4FR APP

Technical Data Sheet

Product Name: SAFEWELD™ X4FR APP

Classification: APP Modified Bitumen Roof Membrane

Product Description: SAFEWELD™ X4FR APP is a durable fire-resistant, granule surfaced, premium APP (Atactic Polypropylene) cold adhesive applied/hot-air weld membrane. Manufactured with a heavyweight polyester composite and fiberglass mat that is saturated and coated with premium quality, non-blown asphaltic bitumen and APP resins for a durable, heat resistant, flexible and easily maintainable membrane. The bottom surface of the sheet is lightly sanded to enable the membrane to be applied with SAFEWELD™ APP Modified Adhesive with hot-air heat welded seams. It is designed for use as a cap membrane in cold applied APP modified bitumen roof systems.

Application Method: SAFEWELD™ X4FR APP is applied using SAFEWELD™ APP Modified Adhesive with hot-air heat welded seams.

Approvals: Meets ASTM D 6223, Type II Grade G. Contact U.S. Ply, Inc. for specific/applicable codes.

Product Data: SAFEWELD™ X4FR APP (typical)

Thickness: 4.5 mm (177 mils)

Weight: 105 lbs/roll (48 kg/m²)

Roll Dimensions: 39-3/8" x 32' 9" (1m x 10m). Each roll is approximately 107.6 sq. ft.

Physical Properties (ASTM D 5147):

Test Results

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Test Results

Tensile Strength (lbf/in), 0°F, (MD/XMD)

202/200

Tensile Strength (lbf/in), 73°F, (MD/XMD)

157/150

Elongation (% @ Max Load), 0°F, (MD/XMD)

5/5

Elongation (% @ Max Load), 73°F, (MD/XMD)

4/4

Tear Strength (lbf), (MD/XMD), 73°F, minimum

185/180

Low Temperature Flexibility, (°F), maximum

32°F (0°C)

Dimensional Stability, %, maximum

<0.5%

High Temperature Stability, (°F)

230°F (110°C)

Water Absorption, %, maximum

<0.5%

Moisture Content, %, maximum

<0.5%

Granule Embedment, g, maximum

< 2 grams

All values given are approximate and are subject to change without notice. There is no implied or express warranty given through these values or statements, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by "in-house" and independent "third party" evaluation for the purpose of classification and or approval. Acceptance, purchase and selection of these products are the sole responsibility of the buyer or buyer's representative.

U.S. PLY, INC.

A DANNY ADAIR COMPANY

Corporate Headquarters: P.O. Box 11740, Fort Worth, Texas 76110

TOLL-FREE: 866-PUSH-PLY (866) 787-4759 • Local: (817) 413-0103 • Fax: (817) 413-8221

Website: www.usply.com • Email: sales@usply.com

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