

TESS[®] | Approved Vendor List

TESS Thinset Exterior Surfacing System Accessories
for EIFS and One Coat Stucco Installations

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EPS Foam

Specification: Nominal 1.0 lb/ft³ (16 kg/m³) Expanded Polystyrene (EPS) Insulation Board in compliance with ASTM C 578 Type I requirements, and EIMA Guideline Specification for Expanded Polystyrene (EPS) Insulation Board. Note: minimum required thickness is 1 inch (25 mm) and maximum allowable thickness is typically 4 inches (100 mm) unless thicker dimensions are approved by the code official.

Cross Country Supply

500 Interchange Dr. SW
Atlanta, GA 30336
Tel 866 375 9510
Tel 404 691 4000
Fax 800 794 0727
www.eifsdepot.com
crosscountrysupply@gmail.com

Georgia Foam, Inc.

1090 Airport Parkway, SW
PO Box 303
Gainesville, GA 30503
Tel 800 929 4728
Tel 770 536 8888
Fax 770 536 5107
www.gafoam.com
betsy@gafoam.com

Mid-Atlantic Foam

57 Joseph Mills Drive
PO Box 742
Fredericksburg, VA 22404
Tel 800 929 0800
Tel 540 373 1800
Fax 540 371 9028
www.mid-atlanticfoam.com

Fiberglass Mesh

Specification: Reinforcing meshes shall meet ASTM D-4029, Standard Specification for Furnished Woven Glass Fabrics.

Standard Mesh

Nominal 4.5 oz./yd² (153 g/m²), symmetrical, interlaced open-weave glass fiber fabric made with alkaline resistant coating for compatibility with TESS materials (achieves Standard Impact Classification).

High Impact Mesh

Nominal 11.2 oz./yd² (380 g/m²), high impact, interwoven, open weave glass fiber fabric with alkaline resistant coating for compatibility with TESS materials (achieves High Impact Classification).

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New York Wire

152 North Main Street
Mount Wolf, PA 17347
Tel 717-266 5626
Fax 717 266 5871
www.newyorkwire.com
emscromwell@newyorkwire.com

Saint-Gobain Technical Fabrics

1795 Baseline Road
Grand Island, NY 14072
Tel 800 762 6694
www.sgtf.com



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Mechanical Fasteners

Specification: Fasteners used to attach sheathing to framing must comply with the applicable code. The EPS insulation is fastened with mechanical fasteners that consist of a 2-inch-diameter (51 mm) plastic washer, and a No. 8, Type S, corrosion-resistant buglehead steel screw having sufficient length to penetrate through the steel framing.

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Tel 404 691 4000
Fax 800 794 0727
www.eifsdepot.com
crosscountrysupply@gmail.com

Wind-Lock Corp

1055 Leisz's Bridge Rd.
Leesport, PA 19533
Tel 800 872-5625
www.wind-lock.com
Tanoy.Douglas@wind-lock.com

Sealants

Specification: Must meet ASTM C-920, standard specification for elastomeric joint sealants.

Dow Corning Corporation, Corporate Center

PO Box 994
Midland, MI 48686-0994
Tel 989 496 4400
Fax 989 496 6731

Local Distributor:

Kenseal Construction

21-32 Borden Ave.
Long Island City, NY 11101
Tel 877 849 0100
Fax 718 392 7283
www.kenseal.com
jhoekzema@kenseal.com

GE Advanced Materials - Silicones

9930 Kinsey Avenue
Huntersville, NC 28078
Tel 877 943 7325
www.momentive.com

Tremco Incorporated

3735 Green Road
Beachwood, Ohio 44122
Tel 800 321 7906
www.tremcosealant.com



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Water-Resistive and Weather Barriers

Specification: Weather Barrier Code Requirements

The 2006 International Building Code (Section 1403.2. Weather Protection) requires that exterior walls shall provide the building with a weather resistant exterior wall envelope. The exterior wall envelope shall include flashing, as described in Section 1405.3. The exterior wall envelope shall be designed and constructed in such a manner as to help prevent the accumulation of water within the wall assembly by providing a weather barrier behind the exterior veneer, as described in Section 1404.2 and a means for draining water that enters the assembly to the exterior. Protection against condensation in the exterior wall assembly shall be provided in accordance with the International Energy Conservation Code.

Tyvek StuccoWrap-Style 1062X as recognized in ICC-ES ESR-2375.

Installation as per DuPont's "Tyvek Water-Resistive Barriers Installation Guidelines" and "Tyvek Weather Barrier Commercial Installation Guidelines."

DuPont

PO Box 80728
Wilmington, DE 19880-0728
Tel 800 44 Tyvek
Tel 800 448 9835
www.Construction.Tyvek.com

DuPont Tyvek® Weather Barriers meets the following codes and guidelines:

- International Building Code® (IBC) 2006
- International Residential Code® (IRC) 2006
- International Energy Conservation Code® (IECC) 2006
- National Building Code of Canada 2005
- Massachusetts Commercial Energy Code (780 CMR, Ch 13)
- Wisconsin Energy Code
- ASHRAE 90.1 Model Energy Code ASHRAE 90.1 Model Energy Code

DuPont Tyvek® Weather Barriers is recognized by the following code evaluation reports:

- ICC-ES Legacy Report ER-4000: DuPont™ Tyvek® CommercialWrap®, DuPont™ Tyvek® StuccoWrap®
- ICC-ES Legacy Report 98-46: DuPont™ Tyvek® CommercialWrap®, DuPont™ Tyvek® StuccoWrap®
- ICC-ES Legacy Report NER-642: DuPont™ Tyvek® CommercialWrap®, DuPont™ Tyvek® StuccoWrap®
- ICC-ES Legacy Report 95105D: DuPont™ Tyvek® CommercialWrap®, DuPont™ Tyvek® StuccoWrap®



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Wire Lath

Specification: There are different types of metal lath. The most common types are expanded metal lath (also called diamond lath), woven wire lath (sometimes called stucco netting) and welded wire lath. Plastic lath is also available; though not as common as metal lath, its advantages are lightness and corrosion resistance. Lath also comes in several configurations and weights. Typical types are paper backed, self-furring, and galvanized. Always use galvanized lath on exterior walls to prevent corrosion from moisture. A good choice for common installations is 20 gauge galvanized lath with 1" diamond patterns complying with AC 191 and fastened to studs using # 8 screws, 3/8 diameter pan head at 7" OC to all studs and tracks. Paper backed lath has building paper attached to the back of the lath to speed installation. Like any fabric or membrane paper, it is important that the paper be lapped properly when the lath is installed. Self-furring lath has dimples or a wave pattern in it. With the protrusions facing the wall, the self-furring lath stands away from the wall slightly, ensuring that the stucco will be able to gain full, penetrating contact and achieve a strong mechanical attachment to the lath. When self-furring lath is not used, install furring strips behind the lath so that the lath stands slightly away from the wall. The furring strips serve the same purpose as the dimples or waves in the self-furring lath. Care should be taken to install all laths in the proper direction. Expanded metal lath has a front and a back as well as a top and a bottom. When installed correctly, each diamond shaped opening forms a scoop for the stucco to sit in, thus ensuring full packing and superb connection. For further information, review the following ASTM Specifications:

- ASTM C-1063 Specification for details on the correct installation of lath and furring for use with stucco
- ASTM 641/A641M Specification for Galvanized Wire
- ASTM C847 Specification for Metal Lath
- ASTM C933-96a Specification for Welded Wire Lath
- ASTM C1032 Specification for Woven Wire Plaster Base
- ASTM C1063 Specification for Installation of Lathing & Furring

Alabama Metal Industries Corporation

Fayette Avenue
PO Box 3928
Birmingham, AL 35208
Tel 800 366 2642
Fax 205 786 6527
www.amico-online.com
sales@amicop-us.com

Cemco

263 North Covina Lane
City of Industry, CA 91744
Tel 800 775 2362
www.cemcosteel.com

Chase Metals, Inc.

38051 SR 19
Umatilla, FL 32784
Tel 352 669 8204
www.chasemetalsinc.com
services@chasemetalsinc.com

StructaWire Corporation

1395 North Grandview Highway
Vancouver, BC Canada V5N 1N2
Tel 800-887-4708
www.structawire.com

Tree Island Wire, Inc.

13470 Philadelphia Avenue
Fontana, CA 92337
Tel 951 279 1990
www.treeislandwire.com

If your company would like to
become an approved TESS[™] vendor,
please email
dburmeister@formulatedsolutions.net

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