LAMTEC®

Vapor Retarders for Metal Building Insulation

Product Selection Guide

FACINGS DESIGNED FOR YOUR APPLICATIONS

SPECIALTY FACINGS

GYMGUARD

Athletic Facilities and High Traffic Areas

Highly Abuse Resistant

WMP®-UV SD

Intense Lighting (Natural/Artificial): Aircraft Hangars, Retail, and Loading Docks

Standard Duty Facing with Added UV Resistance

BLACK (WMP-VR, WMP-VR-R PLUS, WMP-10, and WMP-50)

Casinos, Churches, Malls, Multi-Use Facilities, Restaurants, Schools, and Theaters

Unique Appearance

WMP-UV HD

Intense Lighting (Natural/Artificial): Auto Shops, Retail, and Loading Docks

Premium, Heavy Duty Facing with Added UV Resistance

MOST POPULAR FACINGS - GENERAL PURPOSE

WMP®-VR
Low Cost Standard Duty
Excellent for Most Chemical Environments

WMP-10
Standard Duty

WMP-VR-R PLUS
Low Cost Standard Duty
Excellent for High Humidity Environments

WMP-30
Heavy Duty

WMP-50
Premium Heavy Duty with Added Abuse Resistance

LAMTEC® CORPORATION

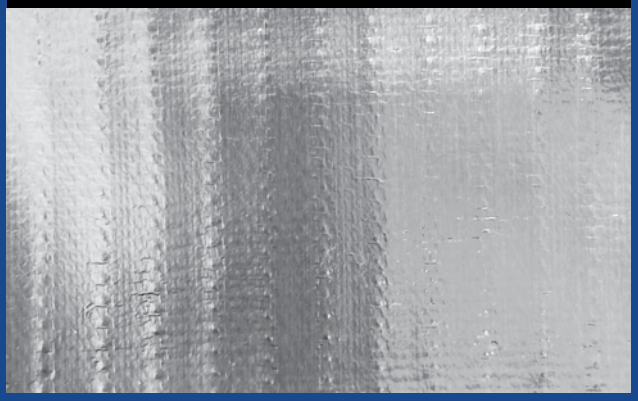
LAMTEC® products are proudly manufactured in the USA.

LOW (0.03) EMISSIVITY FACINGS

ARENASHIELD

Ice Arena Roofs

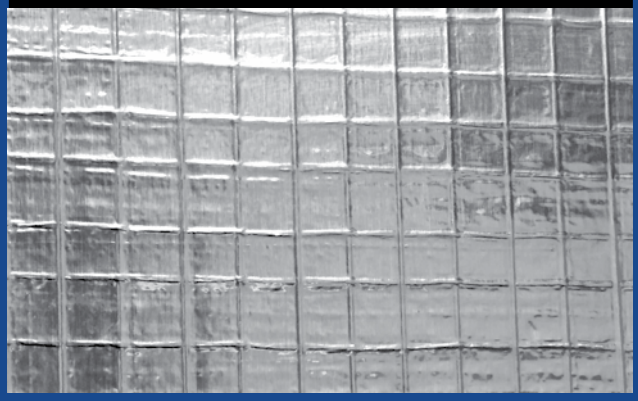
Highly Abuse Resistant



RADIANT ICE

Ice Arena and General Purpose

Double-Sided Foil with Tear Resistance and Higher Operating Temperature



R-3035 HD

Agriculture, Warehouses, and Manufacturing Facilities

Heavy Duty Foil/Scrim/Kraft

Technical Information

www.lamtec.com

Our website provides technical information for architects, specifiers and contractors.

Frequently Asked Questions, Painting a Facing, Acoustical Data, Roof and Wall Thermal Data, Installation Guidelines, and much more.

Plus: Specifications, Available Widths, and Tape Suppliers.

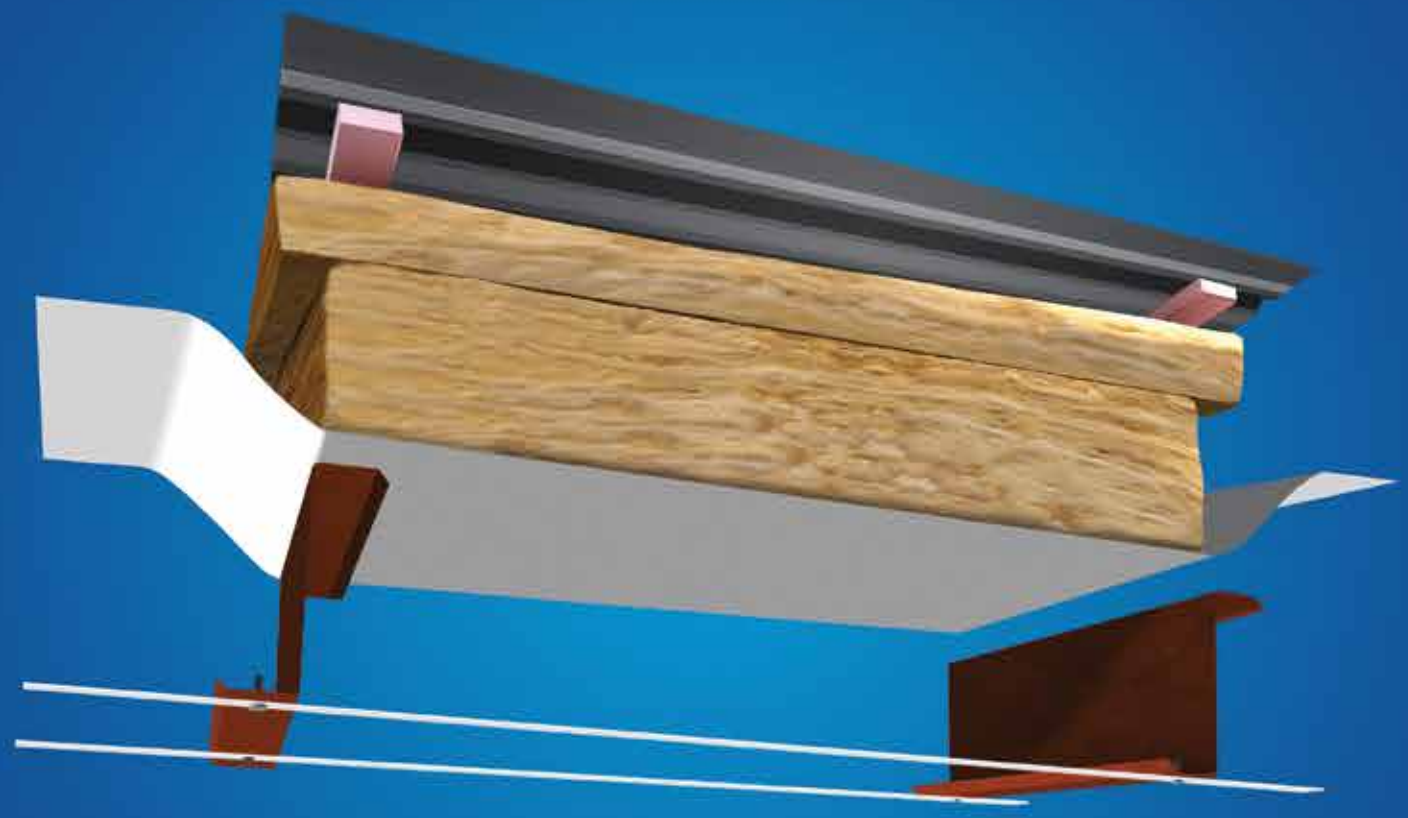
Applications

✓ GOOD ✓✓ BETTER ✓✓✓ BEST ○ NOT APPLICABLE

This document is intended as a general product guide only. You should consult with your building design professional before making your product selection.

WMP-VR	WMP-VR-R PLUS	WMP-10	WMP-30	WMP-50	WMP-UV SD*	WMP-UV HD*	GYMGUARD	ARENASHIELD	RADIANT ICE	R-3035 HD	
✓	✓	✓✓	✓✓	✓✓✓	✓✓	✓✓✓	○	○	✓✓	✓	Agriculture
✓	✓	✓✓	✓✓	✓✓✓	✓✓	✓✓✓	✓✓✓	○	✓✓	○	Athletic Facility
✓	✓	✓✓	✓✓	✓✓✓	✓✓	✓✓✓	✓✓✓	○	✓✓	✓	Government/Military
○	○	○	○	○	○	○	○	✓✓✓	✓✓	✓	Ice Arena Roofs
✓	✓	✓✓	✓✓	✓✓✓	✓✓	✓✓✓	✓✓✓	○	✓✓	✓	Manufacturing/Industrial
✓	✓	✓✓	✓✓	✓✓✓	✓✓	✓✓✓	✓✓✓	○	✓✓	✓	Religious/Community
✓	✓	✓✓	✓✓	✓✓✓	✓✓	✓✓✓	✓✓✓	○	✓✓	✓	Service/Retail
✓	✓	✓✓	✓✓	✓✓✓	✓✓	✓✓✓	✓✓✓	○	✓✓	✓	Warehouse/Distribution

*Best for applications with high UV exposure from intense lighting (natural/artificial). Application examples include: Aircraft Hangars, Retail, Loading Docks, Auto Shops, etc.



USE LAMTEC FACINGS ON LONG TAB BANDED INSULATION SYSTEMS

Meet the new energy standards with a tested Filled Cavity System

- Economical
- Easy installation of electrical, HVAC, and sprinkler systems

GUARDED HOT BOX TEST BY CERTIFIED LABORATORY
Test results can be found at http://lamtec.com/tb_LTBhotbox.html

U VALUE	INSULATION
U = 0.037	R19 Faced / R11 Unfaced
U = 0.035*	R25 Faced / R11 Unfaced
U = 0.029	R25 Faced / R19 Unfaced

*Results based on Finite Element Modeling

Installation Instructions can be found at http://lamtec.com/tb_LTBinstallation.html

Contact your insulation supplier for more details.

Architectural Specification for Faced Fiberglass Insulation

Insulation

Fiberglass shall be as outlined in the North American Insulation Manufacturers Association (NAIMA 202-96, Rev. 2000) specification, or equal, with an R-value of _____ when not compressed. The fiberglass shall be faced with _____A*_____ on one side. The composite of fiberglass and facing shall have surface burning characteristics not to exceed 25 flame spread and 50 smoke developed when tested in accordance with ASTM E84 or Underwriters Laboratories 723 test method.

Facing

Facing shall be composed of _____B*_____. The resulting facing shall have a water vapor transmission rate of _____C*_____ US Perm (ASTM E96 Procedure A), a mullen burst of _____F*_____ psi. Tensile strength shall be _____D*_____ in the machine direction and _____E*_____ in the cross-machine direction.

*Specification data for each product is located below.

A Name/Generic ID	B Construction	C WVTR Perm	D MD Tensile lbs/inch	E XD Tensile lbs/inch	F Mullen Burst psi	Beach Puncture	NRC*	FIRE PERFORMANCE: UL-723	ASTM E84	CAN ULC-S102M	Factory Mutual	BS 476 Class 0
WMP-VR PSK-LD	White polypropylene film, fiberglass & polyester scrim, 11# natural kraft	0.09	40	30	60	125	.85	✓	✓	✓	✓	✓
WMP-VR-R PLUS PSP	White polypropylene film, fiberglass scrim, metallized polyester film	0.02	35	35	100	-	.80	✓	✓		✓	
WMP-10 PSK-STD	White polypropylene film, metallization, fiberglass & polyester scrim, 14# white kraft	0.02	40	35	65	125	.85	✓	✓	✓	✓	✓
WMP-50 PSKP	White polypropylene film, fiberglass & polyester scrim, 30# natural kraft, metallized polyester film	0.02	65	60	120	125	.65	✓	✓	✓	✓	✓
GYMGUARD Film/Fabric	White polypropylene film, metallization, fiberglass & polyester fabric	0.02	195	150	250	650	.70	✓	✓	✓	✓	
ARENASHIELD Foil/Fabric	Aluminum foil, fiberglass & polyester fabric	0.02	195	150	250	550	.65	✓	✓	✓	✓	
R-3035 HD FSK-HD	Aluminum foil, fiberglass & polyester scrim, 30# natural kraft	0.02	55	35	60	85	.80	✓	✓	✓	✓	
RADIANT ICE FSPF	Aluminum foil, polyester film, fiberglass scrim, aluminum foil	0.02	55	55	85	-	-		✓			
WMP-30 PSK-HD	White polypropylene film, metallization, fiberglass & polyester scrim, 30# natural kraft	0.02	55	40	70	105	.75	✓	✓	✓	✓	
WMP-UV SD PSP-UV	White coating, white polypropylene film, fiberglass scrim, metallized polyester film	0.02	35	35	100	-	-		✓	✓		
WMP-UV HD PSKP-UV	White coating, white polypropylene film, fiberglass & polyester scrim, 30# natural kraft, metallized polyester film	0.02	65	60	120	125	-		✓			

*As tested with 3" fiberglass blanket

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LAMTEC® products are proudly manufactured in the USA.