



THERM•ALL

LEADER IN THE METAL BUILDING INSULATION INDUSTRY FOR OVER 30 YEARS

Vapor Retarders for Metal Building Insulation

LAMTEC® Product Selection Guide



FACINGS DESIGNED FOR YOUR APPLICATIONS

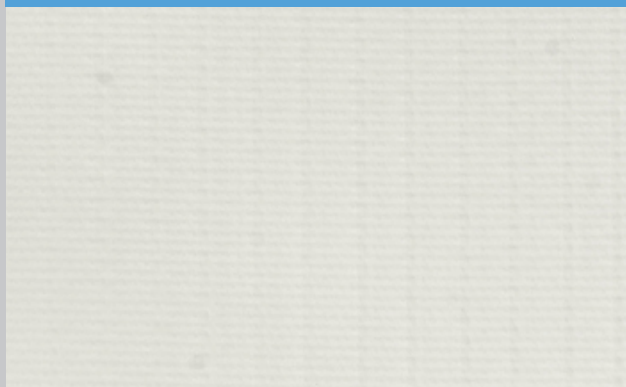
SPECIALTY FACINGS



GYMGUARD

Athletic Facilities and High Traffic Areas

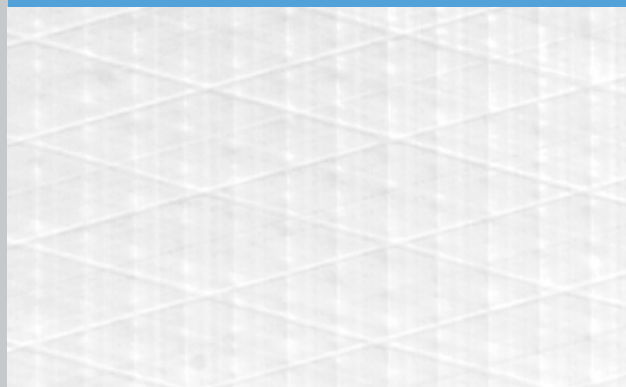
Highly Abuse Resistant



WMP-UV HD

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

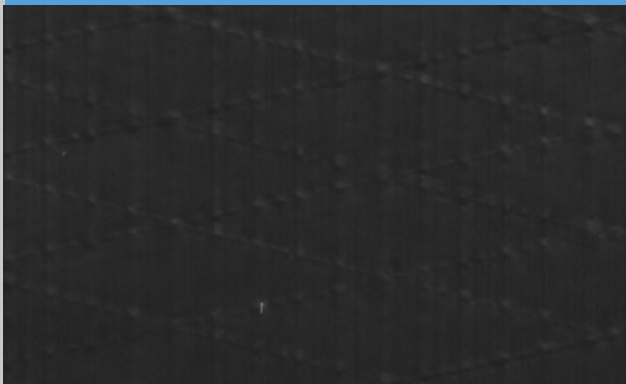
Premium, Heavy Duty Facing with Added UV Resistance



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

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

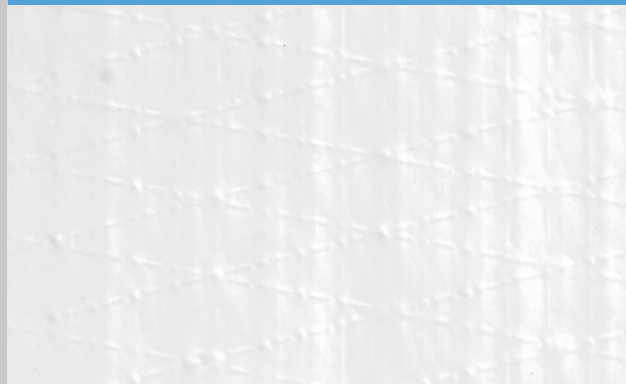
Unique Appearance



WMP-RETRO

**Specifically Designed for Re-covering
Damaged Faced Insulation**

Easy to Install/Handle 500 SF Rolls



MOST POPULAR FACINGS - GENERAL PURPOSE

WMP-VR

Low Cost Standard Duty

Excellent for Most Chemical Environments



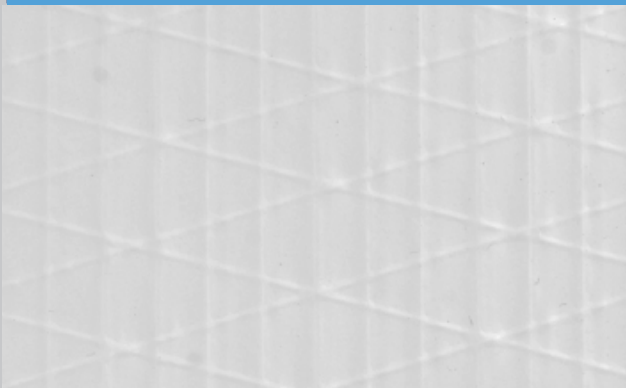
WMP-10

Standard Duty



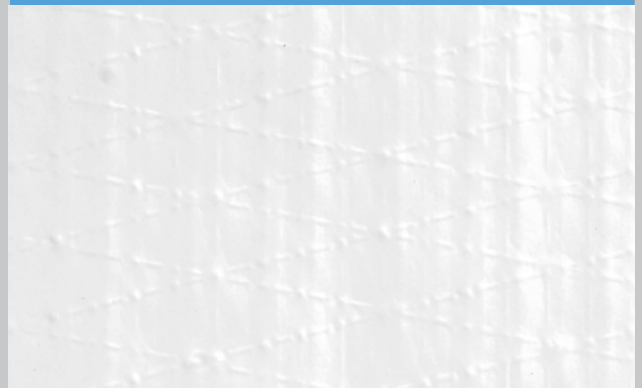
WMP-VR-R PLUS

Low Cost Standard Duty



WMP-30

Heavy Duty



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WMP-50

Premium Heavy Duty with
Added Abuse Resistance



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LAMTEC[®] products are proudly
manufactured in the USA. 

LOW (0.03) EMISSIVITY FACINGS

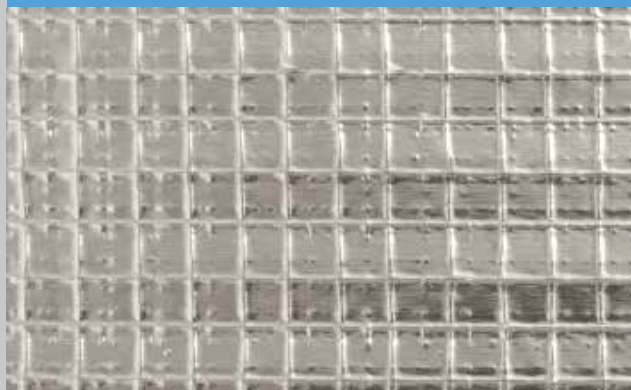


ARENASHIELD
Ice Arena Roofs
Highly Abuse Resistant



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



Go to LAMTEC.COM for:

- Energy Code Navigator
- Architectural/Contractor/Specifier Support
- FAQs and Technical Information
- Installation Guidelines

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



Wall and Roof Filled Cavity Insulation Systems for Metal Buildings with Lamtec Vapor Retarders

Architects, Specifiers, Contractors, and Building Owners use Filled Cavity Systems with Lamtec Vapor Retarders because:

- Tested / modeled assemblies satisfy prescribed U-Values in 2015 IECC and ASHRAE 90.1-2013
- Cost effective way to meet or exceed prescribed U-Values for Metal Building Walls and Roofs with fiberglass
- Easier access to the purlins and girts for installation / maintenance of electrical, HVAC, and sprinkler systems
- Attractive bright white appearance
- Lamtec is the most specified name for insulation vapor retarders



Single Layer Filled Cavity Wall System



Double Layer Filled Cavity Wall System



Long Tab Banded (LTB) / Filled Cavity Insulation System

Download the Lamtec Guides to Filled Cavity Systems at LAMTEC.COM

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SIDE BY SIDE PRODUCT COMPARISONS

Name/Generic ID	Construction	WVTR Perm	MD Tensile lbs/inch	XD Tensile lbs/inch	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 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 CORPORATION IS ACTIVELY INVOLVED WITH THE FOLLOWING ORGANIZATIONS:



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