



This roof will **pay for itself** in less than 10 years on energy savings alone--and the gas bill is **cut by almost 50%!**



And we haven't even mentioned how much cooler it is inside this building in the hot weather.

\*See inside for details

METAL ROOF RETROFIT PROJECT PROFILES  
ADD VALUE TO YOUR BUSINESS

## *Problems With Your Current Roof*

Have you tried other solutions and can't get the leaks, condensation, and heat-loss to stop?



Exposed fasteners, expansion and contraction, and snow and ice sliding off your roof all work against the watertightness of your building. Caulking is a temporary stop-gap measure at best.



Interior humidity and condensation under the roof panels caused this roof to fail in much less time than expected.



How do you properly seal around a new or existing penetration in a metal roof? It can be done, but nothing is certain about this type of detail.

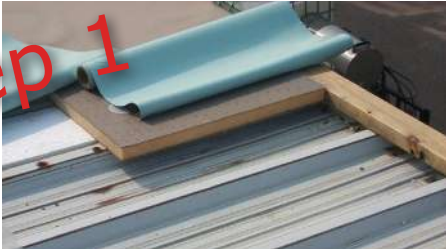


How much did you pay for the energy to create these icicles? Has ice backed up and caused leakage in the building?

## Metal Roof Retrofit Process



Step 1



Step 2



Step 3



Step 4



Safety



Wood blocking is installed at the perimeter before the insulation and membrane is installed and it gives a clean crisp edge once the metal flashing is installed.

Insulation is installed between the corrugations on the metal roofing then an overlay insulation of insulation is installed. Kulp's can do an energy analysis of your building to let you know the maximum return on investment.

Membrane then gets mechanically fastened with screws through the insulation into the metal roof deck. Seams are heat-welded for superior strength and durability.

All details are installed using heat-welding method and according to the strictest manufacturer's recommendations.

Crews that work safely with perimeter warning lines and safety monitors are always provided for your peace of mind.



## Metal Roof Retrofit Project Profile

**This roof will pay for itself in less than 10 years on energy savings alone--the gas bill is cut by almost 50%!**

And we haven't even mentioned how much cooler it is inside this building in the hot weather.



### December 2007 natural gas bill

	Therms USED	DAYS	Therm/DAY	HTG DEG DAYS	Therm/HTG DEG DAY
This Year	2477	31	79.9	1381	1.8
Last Month	2195	33	66.5	1264	1.7
Last Year	4469	32	139.7	1078	4.1

### December 2008 natural gas bill

	Therms USED	DAYS	Therm/DAY	HTG DEG DAYS	Therm/HTG DEG DAY
This Year	2760	29	95.2	1462	1.9
Last Month	2477	31	79.9	1381	1.8
Last Year	5355	29	184.7	1517	3.5

### Merrill Distributing heating cost analysis before and after reroofing

New roof and insulation completed in June 2007

Analysis of Heating Costs - Before and after new roof and insulation installation in 2007	Therms used	Degree days	Days	Deg.-Days/Day	Therms/Deg.-Day	Factors affecting calculations
<b>December 2006</b>	4,469	1,078	32	33.7	4.15	Warmer weather, little snow cover
<b>January 2007</b>	5,355	1,517	29	52.3	3.53	Colder weather, 8" snow over 3 weeks
December - January total degree days		2,595				
Heating season total degree days		8,550				
Proportion of degree-days in heating data		30.35%				
Approximate therms used in 06-07 season	25,894					
Price per therm	\$ 0.97					
Approximate heating cost for 06-07 season	\$ 25,118					
<b>November 2007</b>	2,195	1,264	33	38.3	1.74	10" of snow late this month
<b>December 2007</b>	2,477	1,381	31	44.5	1.79	10" of snow during this month
<b>January 2008</b>	2,760	1,462	29	50.4	1.89	20" of snow during this month
December - January total degree days		2,843				
Heating season total degree days		9,360				
Proportion of degree-days in heating data		30.37%				
Approximate therms used in 07-08 season	13,793					
Price per therm	\$ 0.97					
Approximate heating cost for 07-08 season	\$ 13,380					
<b>Summary</b>						
Annual heating cost savings projected	\$ 11,738					
Price of roof including insulation	\$ 106,029					
Payback period in years	9.0					

## Marathon Solar Roofing



Harvest the sun! Turn sunlight into electricity on your rooftop space with a Marathon Solar Roofing system installed by Kulp's of Stratford.

### Another great way to pay for your roof!



**Kulp's of Stratford Warehouse, Stratford, WI 1.5 KW Photovoltaic System**

Ask for a site assessment and a Return On Investment specific to your building and site.

Paybacks are site specific, of course, but typically range from 10-15 years with a good site in Wisconsin.

With federal tax credits, state incentives, and accelerated depreciation schedules, now may be the right time to have a "hedge" against future energy price increases and make a statement about your company's commitment to "green" energy!



**Journal Community  
Publishing, Waupaca  
35,000 sf**



**Buffets  
74,000 sf**



**Church Street Station,  
Stevens Point  
15,000 sf**

Kulp's of Stratford has been installing metal roof retrofits for over 25 years with 99% of the roofs still in service.

This represents over a MILLION square feet of metal building that have a new lease on life with an insulated membrane roof assembly installed by Kulp's.

This method is, without question, the best way to insure that an old metal building roof doesn't leak, condense, and cost you an arm and a leg to heat and cool.

## Project Pictures and Clients

Midstate Truck*	Abbotsford/Eau Claire	11750 sf	Qualheims True Value	Shawano	56000 sf
All Metal Stamping	Abbotsford	2000 sf	Modern Insulation Inc	Spencer	2500 sf
Amron Corporation	Antigo	9050 sf	Village Of Spencer Garage	Spencer	3360 sf
Plaspac USA	Antigo	25256 sf	City Side Liquidators	Stanley	6032 sf
Kampo Warehousing	Appleton	91000 sf	Coop Transport	Stetsonville	4000 sf
Ocean Spray Cranberries Inc	Babcock	3500 sf	Good News Fellowship Church	Stevens Point	9949 sf
Chili Implement	Chili	8888 sf	Cap Services	Stevens Point	7900 sf
Harmony Country Coop*	Colby/Pittsylv/Arpin	20000 sf	Church Street Station	Stevens Point	15155 sf
Marathon Cheese Co*	Dorchester	36000 sf	Recycled Office Environments	Stevens Point	15000 sf
Heartland Coop Services	Dorchester	6500 sf	Central WI Area Theatre	Stevens Point	5240 sf
Meyer Manufacturing	Dorchester	5400 sf	Carquest Stevens Point	Stevens Point	11124 sf
Edgar Lanes	Edgar	8200 sf	School Dist of Stratford*	Stratford	8000 sf
Greenwood City Garage	Greenwood	2196 sf	Wolfcraft Mfg*	Unity	18000 sf
Mitch King & Sons Gravel	Hatley	10752 sf	Halverson TV	Vesper	3633 sf
Junction City Hall	Junction City	8360 sf	Journal Community Publishing	Waupaca	34661 sf
Loyal Pallet Co	Loyal	12598 sf	American Legion Golf	Wausau	8700 sf
TDS Custom Construction	Madison	6800 sf	American Science & Tech	Wausau	20000 sf
Menzner Lumber & Supply*	Marathon	37400 sf	Linetec Inc*	Wausau	57000 sf
Buffets Inc	Marshfield	73766 sf	Good News Project	Wausau	12000 sf
Prince Corporation*	Marshfield	23000 sf	Green Bay Packaging*	Wausau	120000 sf
Figis Distribution	Marshfield	20000 sf	Wausau Chemical Corp	Wausau	20000 sf
Wisconsin Homes	Marshfield	12530 sf	Yachs Body And Custom	Wausau	8770 sf
Wheeler's G M	Marshfield	20502 sf	Brad Hoffman	Wausau	12307 sf
Trierweiler Construction	Marshfield	8540 sf	Hilltop Auto Wrecking*	Wausau	15400 sf
Carquest Warehouse	Marshfield	41850 sf	Linetec Anodizing	Wausau	18270 sf
Doine Excavating Inc	Marshfield	8400 sf	Industrial Recyclers Of WI	Wausau	24000 sf
Innovative Machine Spec*	Marshfield	64670 sf	Wausau Steel*	Wausau	4000 sf
Weathershield Mfg*	Medford	90000 sf	Dr Freeman Building	Wausau	3200 sf
Valu Rite Drugs	Medford	2340 sf	Probuild*	Wausau	32000 sf
Merrill Distributing Inc.	Merrill	30000 sf	Weston Municipal Center	Weston	17358 sf
Cequent Trailer	Mosinee	28564 sf	Brings Cycling and Fitness	Wisconsin Rapids	9000 sf
Val Fab Inc	Neenah	1386 sf	Office And Employees Local 95	Wisconsin Rapids	3690 sf
Hoffman Trucking	Nekoosa	6678 sf	Carquest	Wisconsin Rapids	10106 sf
Phillips Plating Corp	Phillips	3000 sf	*Indicates more than one project for customer		
Integrus Energy Group	Rhineland	6600 sf	Updated February 2013 with last project #3105		
Rhineland Dept Of Public Works	Rhineland	34699 sf			
Shoeders Budget Used Cars	Rhineland	9632 sf			
Bank A Count Corp	Rudolph	5400 sf	<b>Menzner Lumber, Marathon, 37,000 sf</b>		
Everest Metro Police Dept	Schofield	9180 sf			
American Wood Fibers	Schofield	8300 sf			
Crystal Finishing Systems*	Schofield	20000 sf	<b>Marathon Cheese, Dorchester, 36,000 sf</b>		
Fred Mueller Buick	Schofield	41296 sf			
Greenheck Fan Corp*	Schofield	16000 sf			
Brick And Supply Co.	Schofield	13840 sf			
Custom Glass Products	Schofield	2500 sf			
Hoffers Glass	Schofield	5200 sf			
Intercity State Bank*	Schofield	3000 sf			
Jarp Industries	Schofield	16772 sf			
Precision Body And Frame	Schofield	7540 sf			
Carquest Of Schofield	Schofield	16860 sf			



## Project Pictures and Clients



**Amron Corporation, Antigo, 85,000 sf**



**Kampo Warehousing, Appleton, 91,000 sf**



**Probuild, Wausau, 32,000 sf**



**Dept. of Public Works, Rhinelander, 35,000 sf**



**Weston Municipal Building, Weston, 17,000 sf**



**Linetec, Wausau, 57,000 sf**



**Qualheim's True Value, Shawano, 56,000 sf**



**Wolfcraft, Unity 18,000 sf**



**CarQuest, Stevens Point, 20,000 sf**



**Doine Excavating, Marshfield, 8,400 sf**



**Good News Fellowship, Stevens Point, 10,000 sf**



**Fred Mueller Buick, Schofield 41,000 sf**



**Car Quest Warehouse, Marshfield, 41,00 sf**



**Car Quest, Schofield, 17,000 sf**



**1.800.285.2917**  
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**INTELLIGENT**  
ROOFING SOLUTIONS

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