

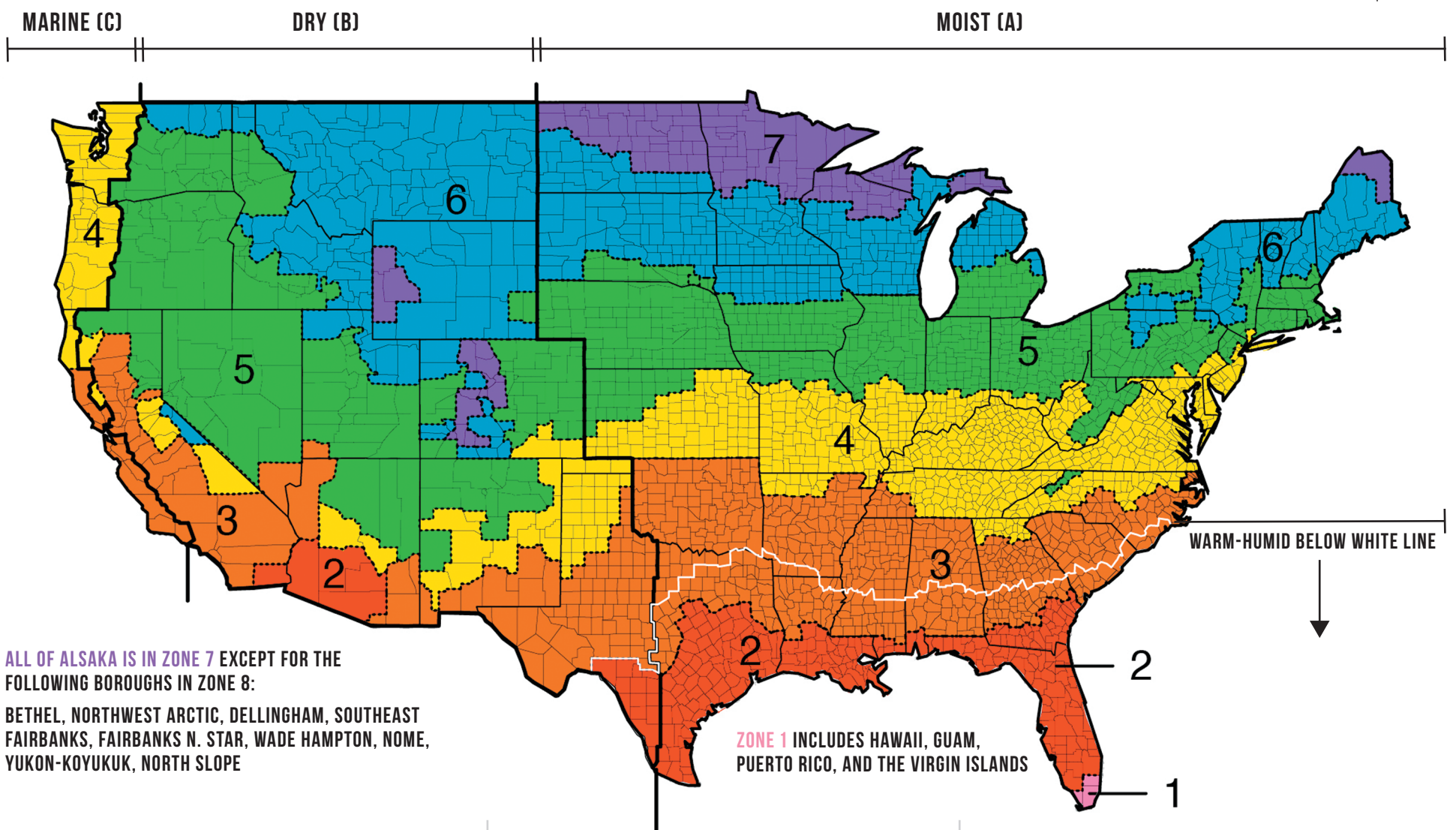


# U-VALUE ZONE SHEET

INTERNATIONAL ENERGY CONVERSION CODE  
Table C402.3 — Building Envelope Requirements: Fenestration

CLIMATE ZONE	1	2	3	4 EXCEPT MARINE	5 AND MARINE 4	6	7	8
<b>VERTICAL FENESTRATION</b>								
<b>U-FACTOR</b>								
Fixed Fenestration	0.50	0.50	0.46	0.38	0.38	0.36	0.29	0.29
Operable Fenestration	0.65	0.65	0.60	0.45	0.45	0.43	0.37	0.37
Entrance Doors	1.10	0.83	0.77	0.77	0.77	0.77	0.77	0.77
<b>SHGC</b>								
SHGC	0.25	0.25	0.25	0.40	0.40	0.40	0.45	0.45
<b>SKYLIGHTS</b>								
<b>U-FACTOR</b>	0.75	0.65	0.55	0.50	0.50	0.50	0.50	0.50
<b>SHGC</b>	0.35	0.35	0.35	0.40	0.40	0.40	NR	NR

NR = No Requirement



ALL OF ALASKA IS IN ZONE 7 EXCEPT FOR THE FOLLOWING BOROUGHS IN ZONE 8:  
BETHEL, NORTHWEST ARCTIC, DELLINGHAM, SOUTHEAST FAIRBANKS, FAIRBANKS N. STAR, WADE HAMPTON, NOME, YUKON-KOYUKUK, NORTH SLOPE

ZONE 1 INCLUDES HAWAII, GUAM, PUERTO RICO, AND THE VIRGIN ISLANDS

AWNING OR CASEMENT		AWNING OR CASEMENT		AWNING OR CASEMENT	
<b>48" x 60" Fixed</b>	<i>NFRC Standard Size</i>	<b>24" x 60" Fixed</b>		<b>24" x 36" Awn Case</b>	
i65 - 1" IGU Card 366- Air	0.343	i65 - 1" IGU Card 366- Air	0.371	i65 - 1" IGU Card 366- Air	0.498
i65 - 1" IGU - Card 366- Argon	0.308	i65 - 1" IGU - Card 366- Argon	0.345	i65 - 1" IGU - Card 366- Argon	0.480
i85 - 1" IGU Card 366- Air	0.329	i85 - 1" IGU Card 366- Air	0.349	i85 - 1" IGU Card 366- Air	0.468
i85 - 1" IGU - Card 366- Argon	0.294	i85 - 1" IGU - Card 366- Argon	0.323	i85 - 1" IGU - Card 366- Argon	0.450
i85 - 1 3/4" IGU - Card 366 (x2)- Argon	0.181	i85 - 1 3/4" IGU - Card 366 (x2)- Argon	0.210	i85 - 1 3/4" IGU - Card 366 (x2)- Argon	0.351
FIXED OVER FIXED		AWNING OR CASEMENT		36" x 24" Hopper	
<b>48" x 60" Fixed o Fixed</b>	<i>NFRC Standard Size</i>	<b>24" x 60" Fixed</b>		i65 - 1" IGU Card 366- Air	0.456
i65 - 1" IGU Card 366- Air	0.357	i65 - 1" IGU Card 366- Air	0.384	i65 - 1" IGU - Card 366- Argon	0.438
i65 - 1" IGU - Card 366- Argon	0.328	i65 - 1" IGU - Card 366- Argon	0.361	i85 - 1" IGU Card 366- Air	0.414
i85 - 1" IGU Card 366- Air	0.341	i85 - 1" IGU Card 366- Air	0.361	i85 - 1" IGU - Card 366- Argon	0.396
i85 - 1" IGU - Card 366- Argon	0.312	i85 - 1" IGU - Card 366- Argon	0.338	i85 - 1" IGU - Card 366- Argon	0.396
i85 - 1 3/4" IGU - Card 366 (x2)- Argon	0.196	i85 - 1 3/4" IGU - Card 366 (x2)- Argon	0.223	i85 - 1 3/4" IGU - Card 366 (x2)- Argon	0.292
AWNING OR CASEMENT		AWNING OR CASEMENT		<p><b>DeSCO Architectural Inc.</b> 716 3rd Street SE De Smet, SD 57231</p> <p>phone 800.952.5534 phone 605.854.9126 Fax 605.854.9127</p> <p><a href="http://descoarc.com">descoarc.com</a></p>	
<b>36" x 60" Awn Case</b>		<b>24" x 60" Awn Case</b>	<i>NFRC Standard Size</i>		
i65 - 1" IGU Card 366- Air	0.432	i65 - 1" IGU Card 366- Air	0.471		
i65 - 1" IGU - Card 366- Argon	0.407	i65 - 1" IGU - Card 366- Argon	0.450		
i85 - 1" IGU Card 366- Air	0.411	i85 - 1" IGU Card 366- Air	0.445	<p>phone 800.952.5534 phone 605.854.9126 Fax 605.854.9127</p> <p><a href="http://descoarc.com">descoarc.com</a></p>	
i85 - 1" IGU - Card 366- Argon	0.386	i85 - 1" IGU - Card 366- Argon	0.424		
i85 - 1 3/4" IGU - Card 366 (x2)- Argon	0.283	i85 - 1 3/4" IGU - Card 366 (x2)- Argon	0.323		
<b>60" x 36" Hopper</b>		<b>60" x 24" Hopper</b>	<i>NFRC Standard Size</i>		
i65 - 1" IGU Card 366- Air	0.403	i65 - 1" IGU Card 366- Air	0.435	<p>phone 800.952.5534 phone 605.854.9126 Fax 605.854.9127</p> <p><a href="http://descoarc.com">descoarc.com</a></p>	
i65 - 1" IGU - Card 366- Argon	0.378	i65 - 1" IGU - Card 366- Argon	0.414		
i85 - 1" IGU Card 366- Air	0.373	i85 - 1" IGU Card 366- Air	0.398		
i85 - 1" IGU - Card 366- Argon	0.348	i85 - 1" IGU - Card 366- Argon	0.377		
i85 - 1 3/4" IGU - Card 366 (x2)- Argon	0.242	i85 - 1 3/4" IGU - Card 366 (x2)- Argon	0.272	<p>phone 800.952.5534 phone 605.854.9126 Fax 605.854.9127</p> <p><a href="http://descoarc.com">descoarc.com</a></p>	