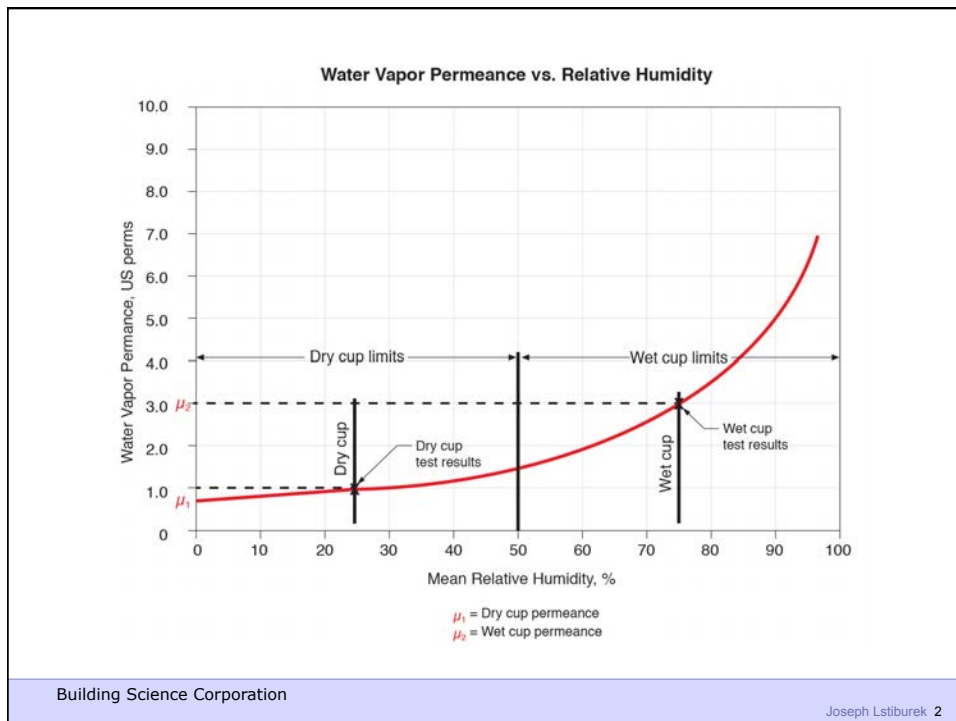


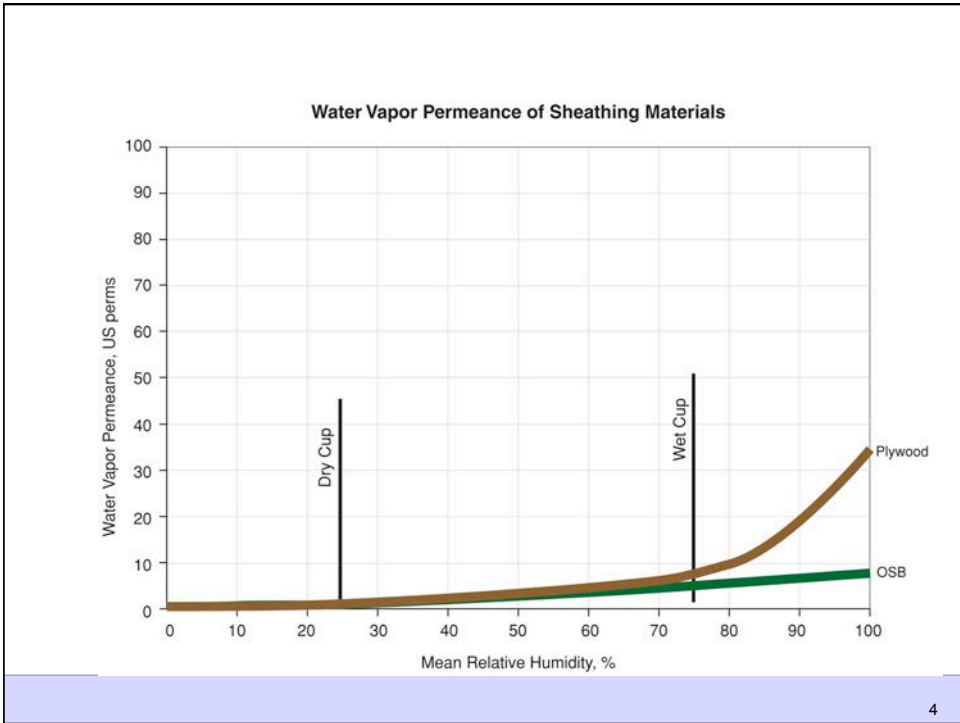
Joseph Lstiburek, Ph.D., P.Eng, ASHRAE Fellow

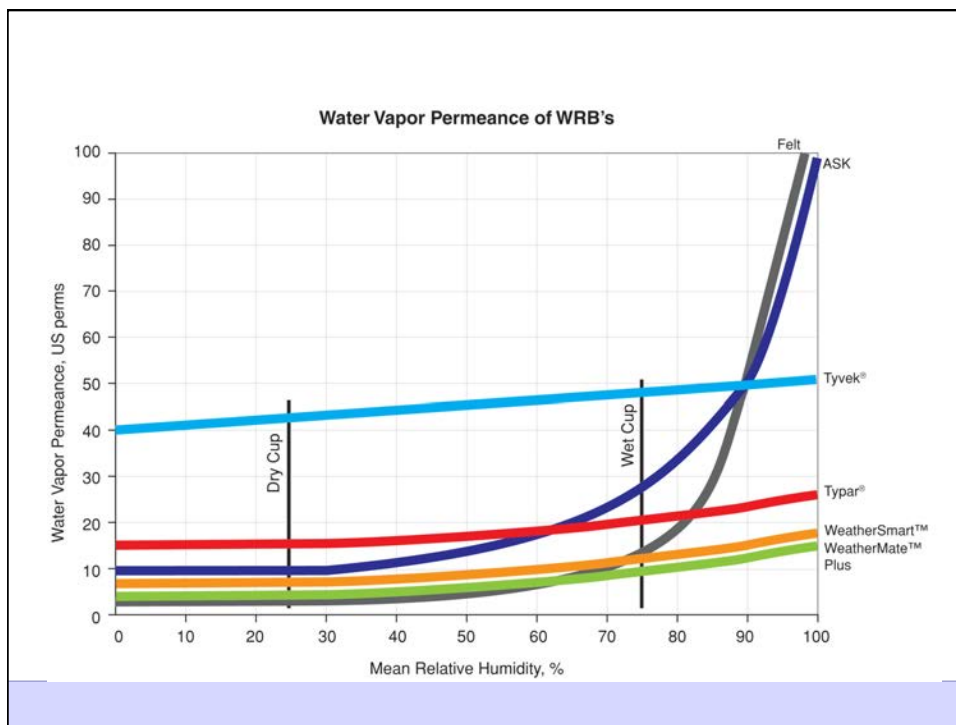
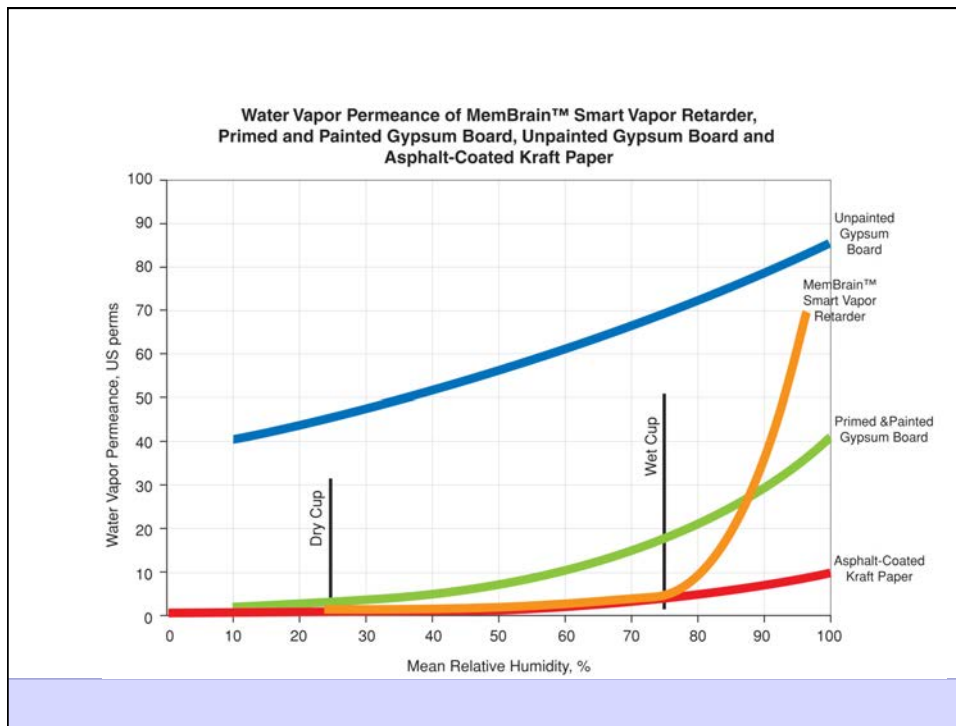
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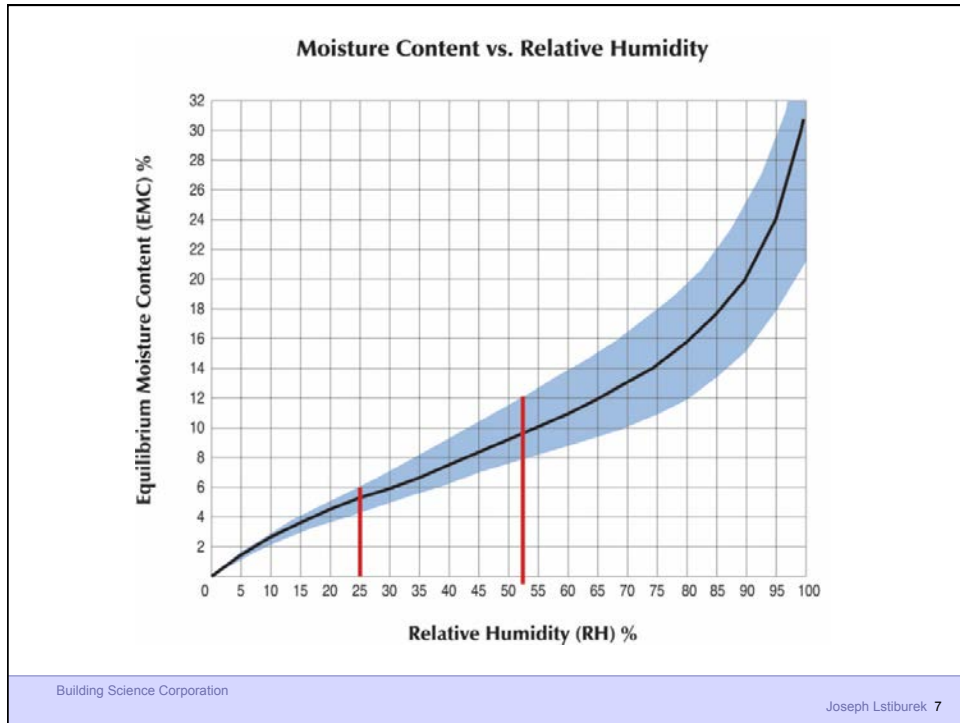
Adventures In Building Science

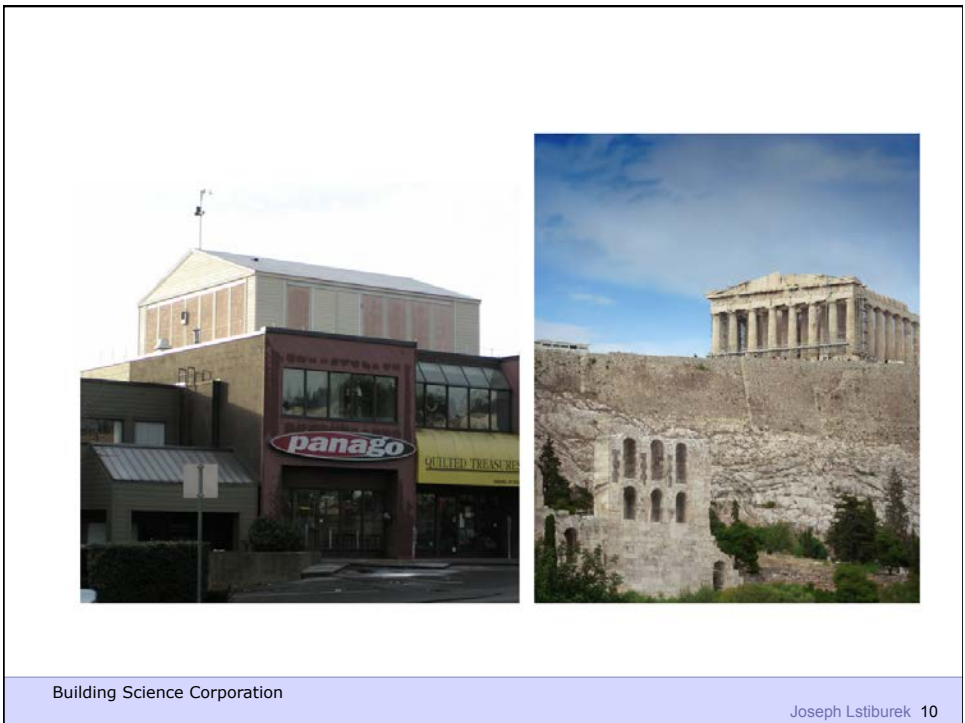
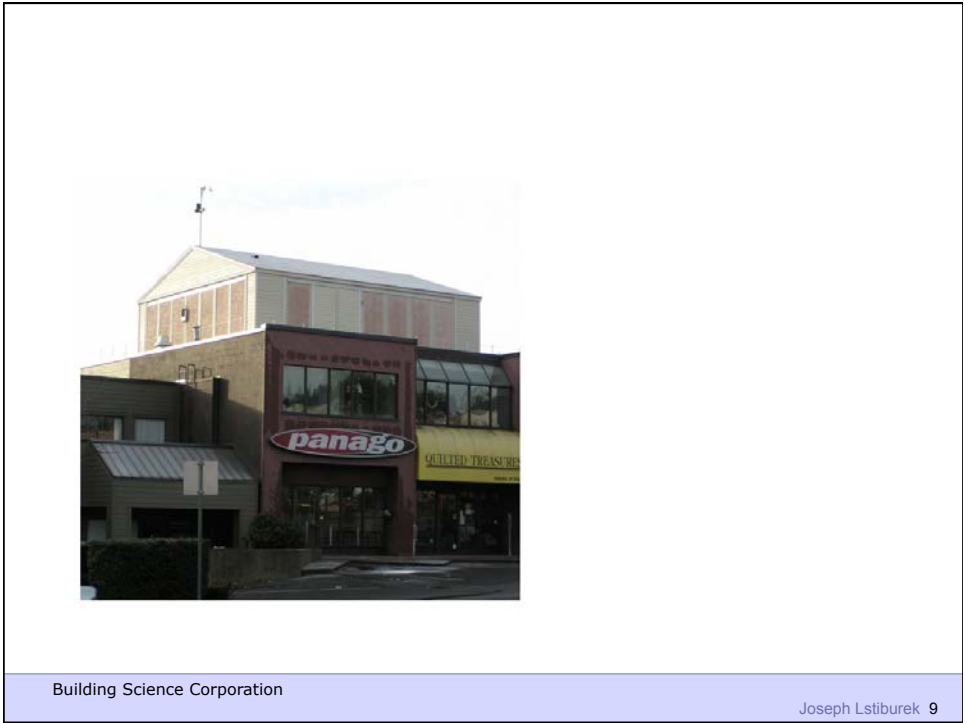
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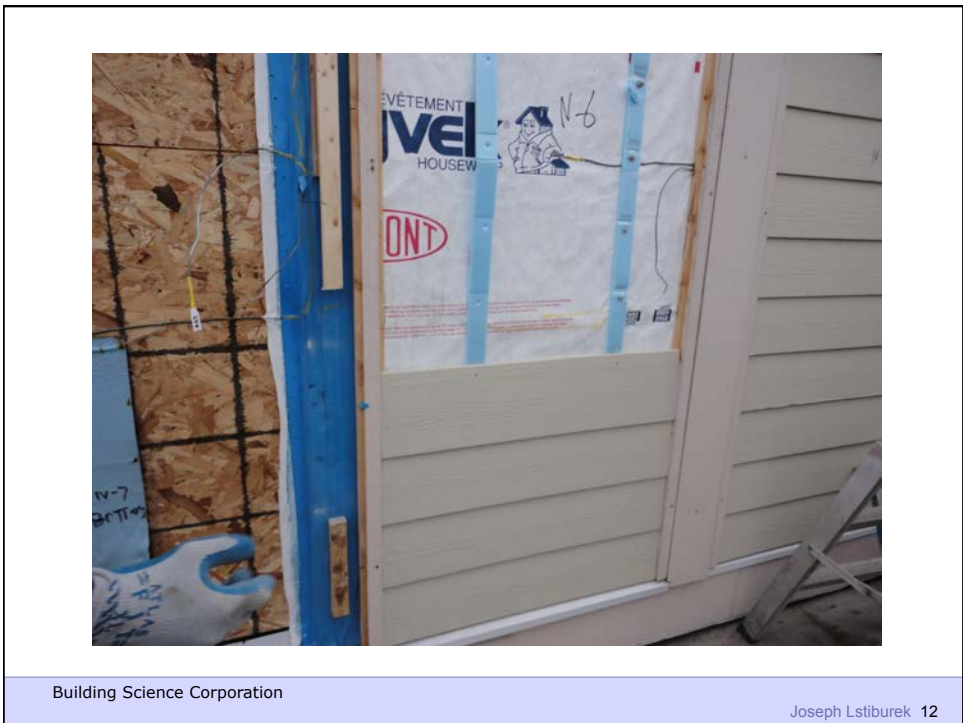














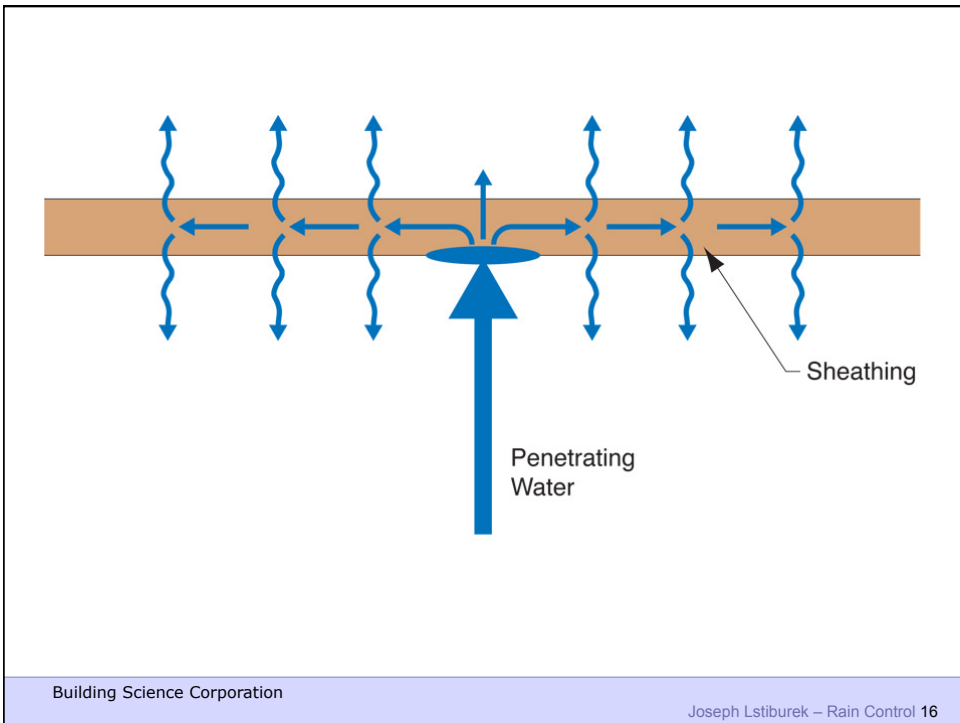
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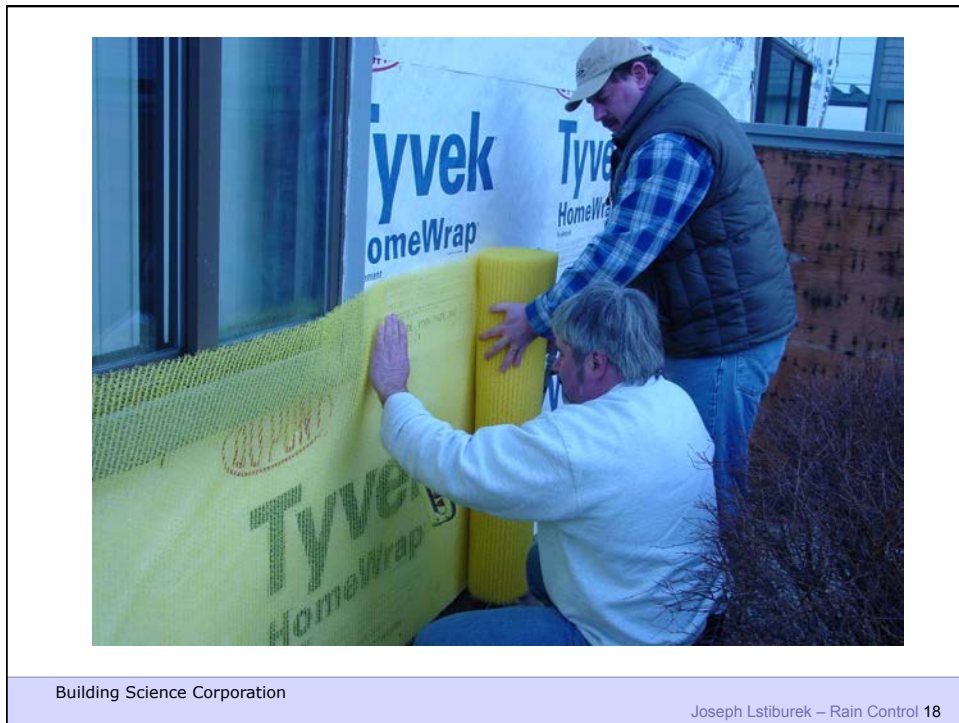
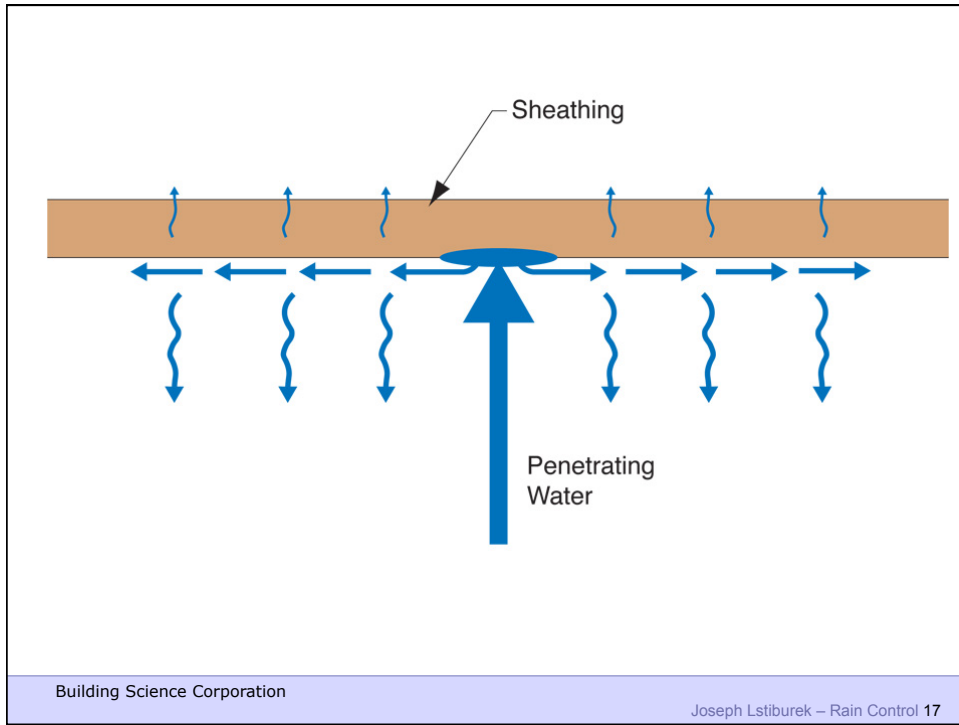
Joseph Lstiburek 13

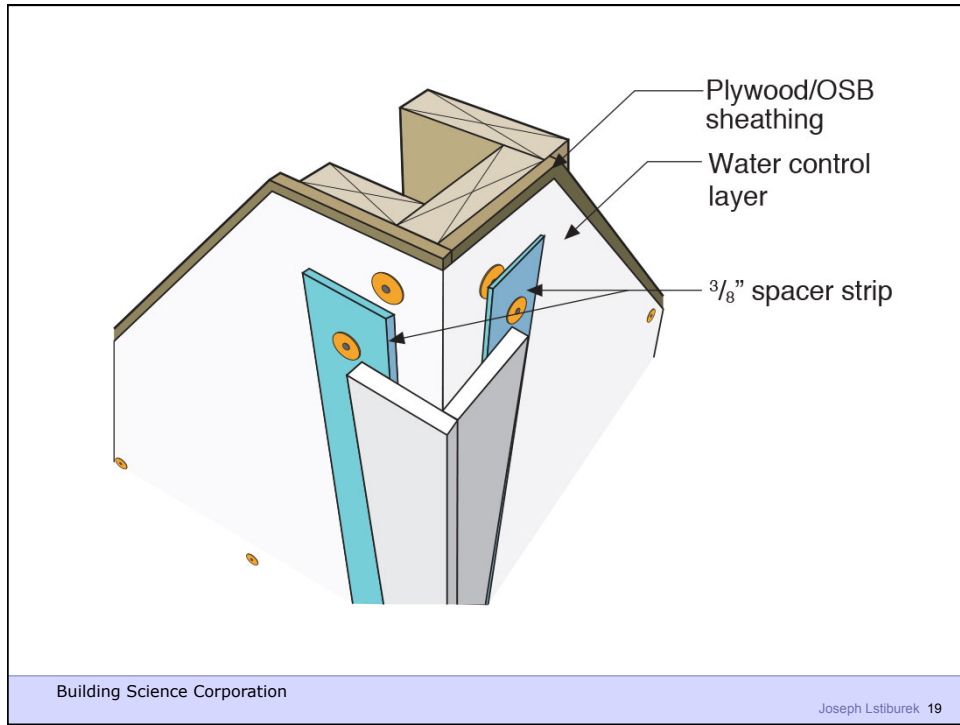


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Joseph Lstiburek 14









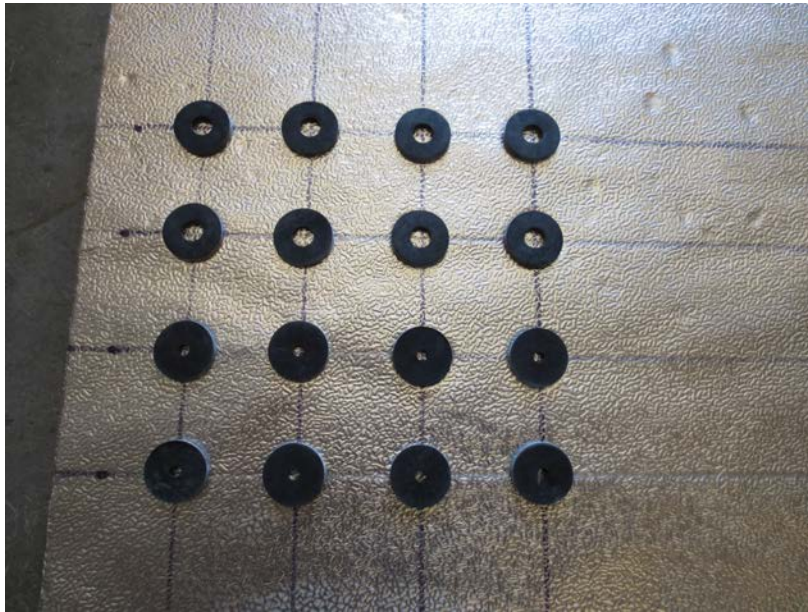
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Rain Screen

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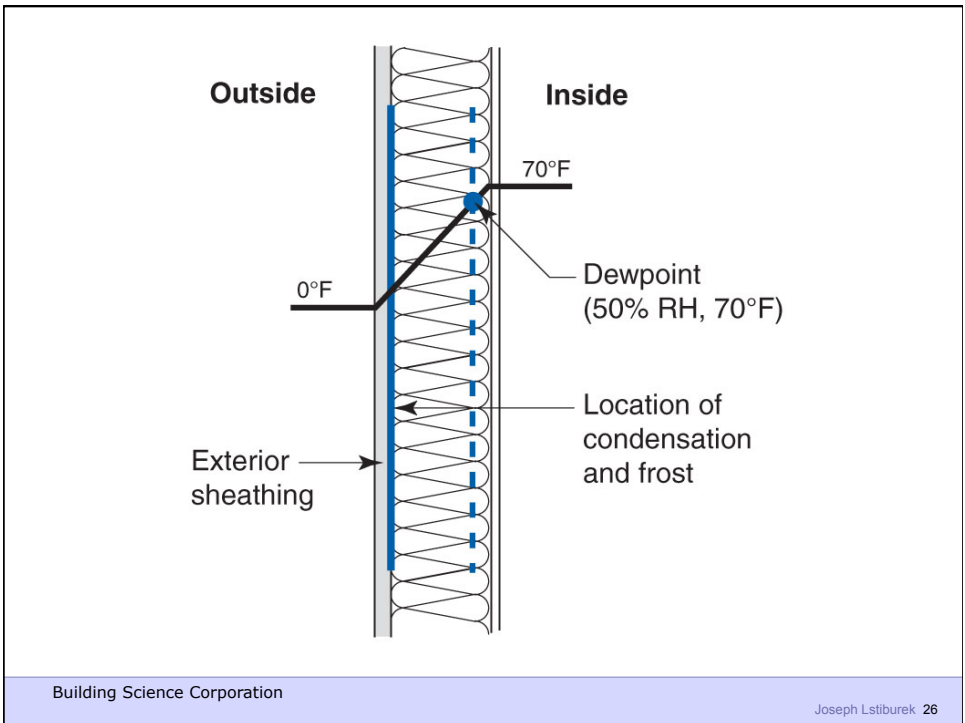
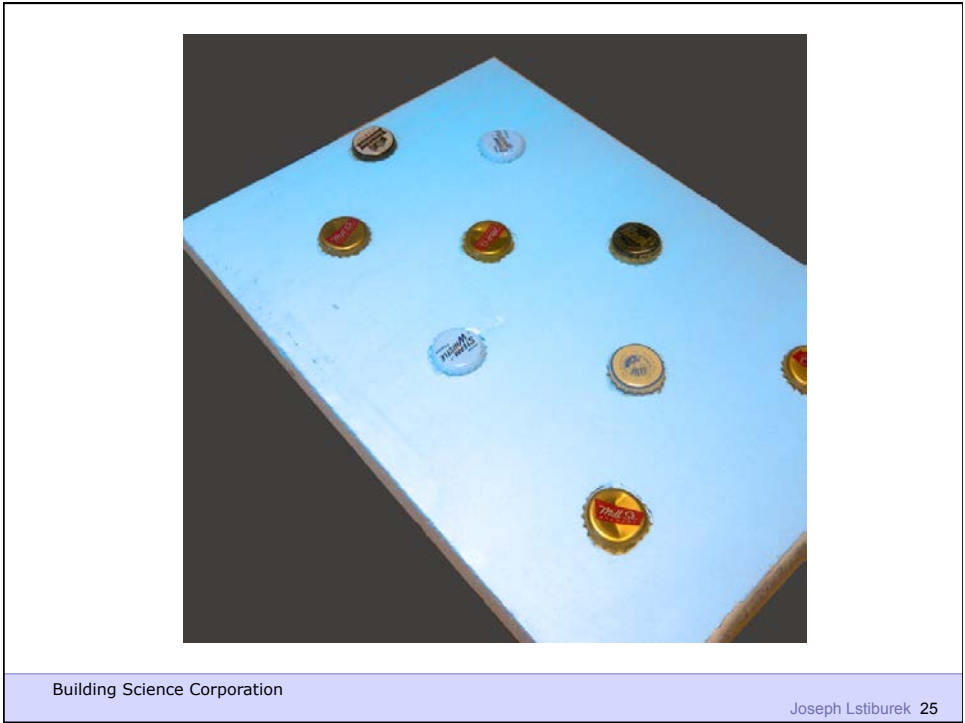
Building Science Corporation

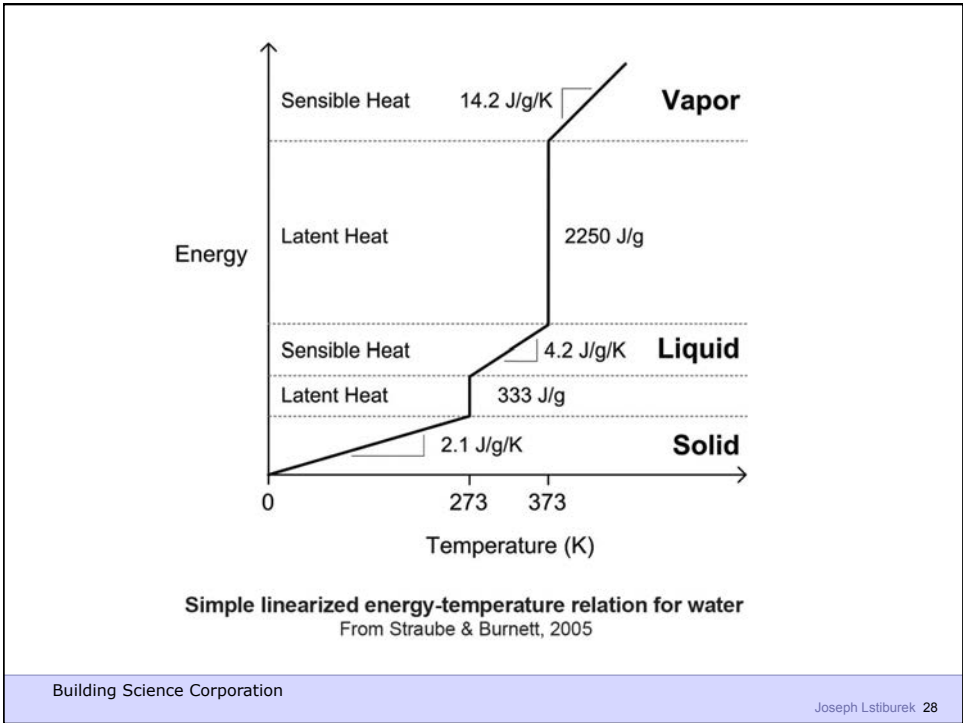
Joseph Lstiburek 23

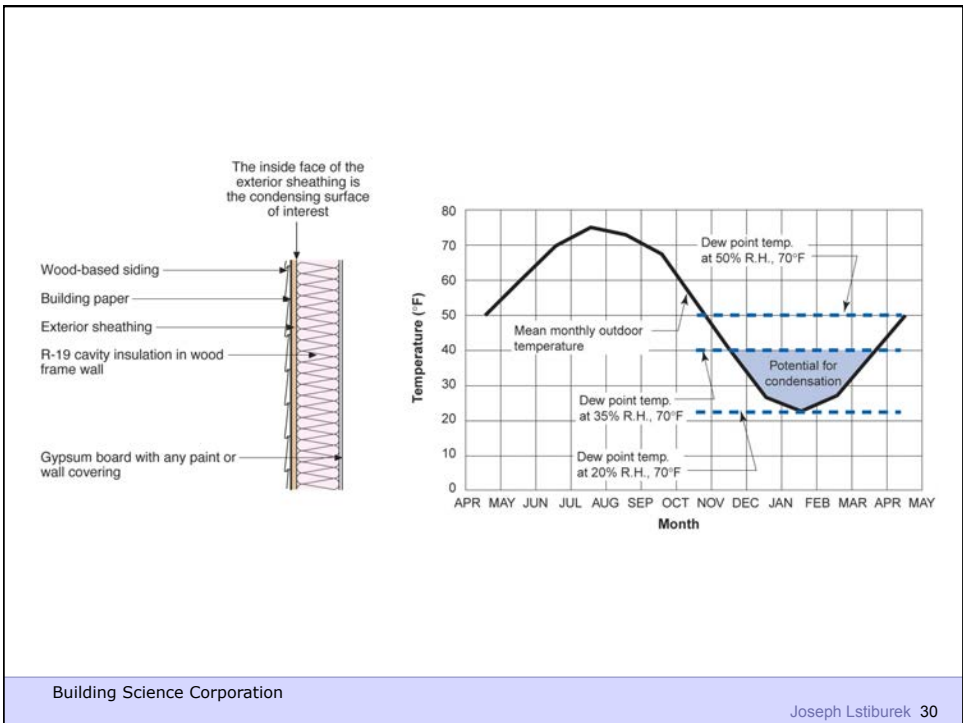
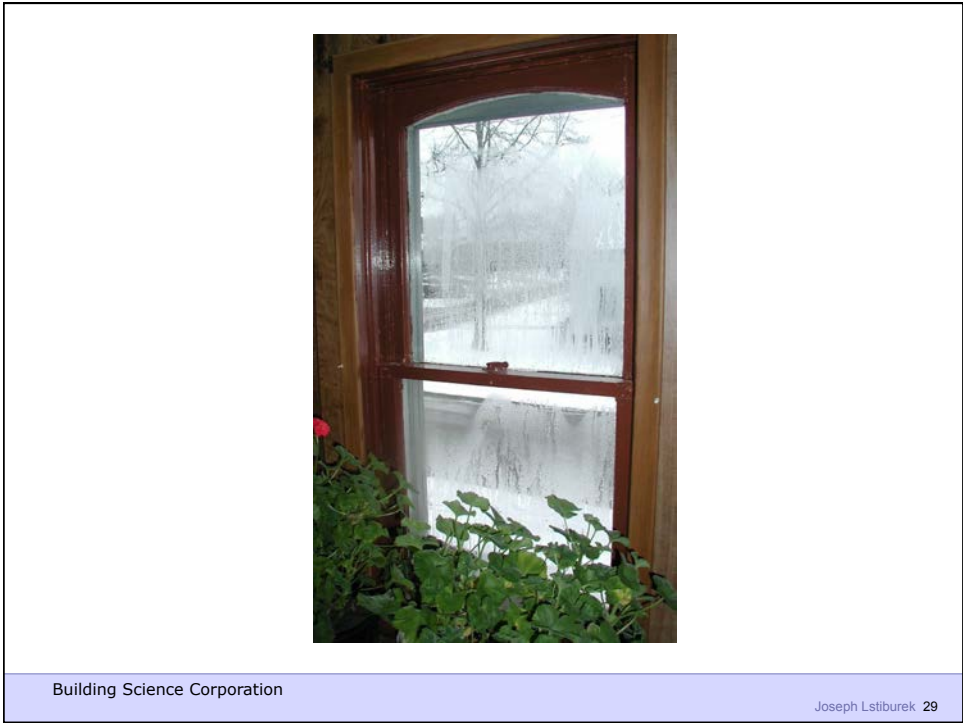
Beer Screen?

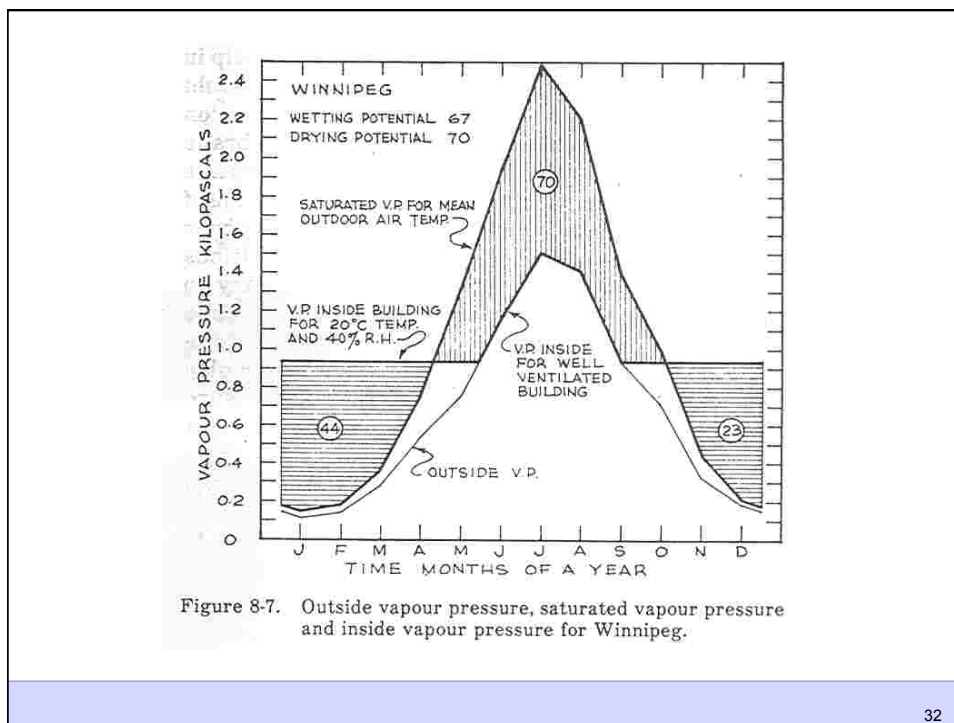
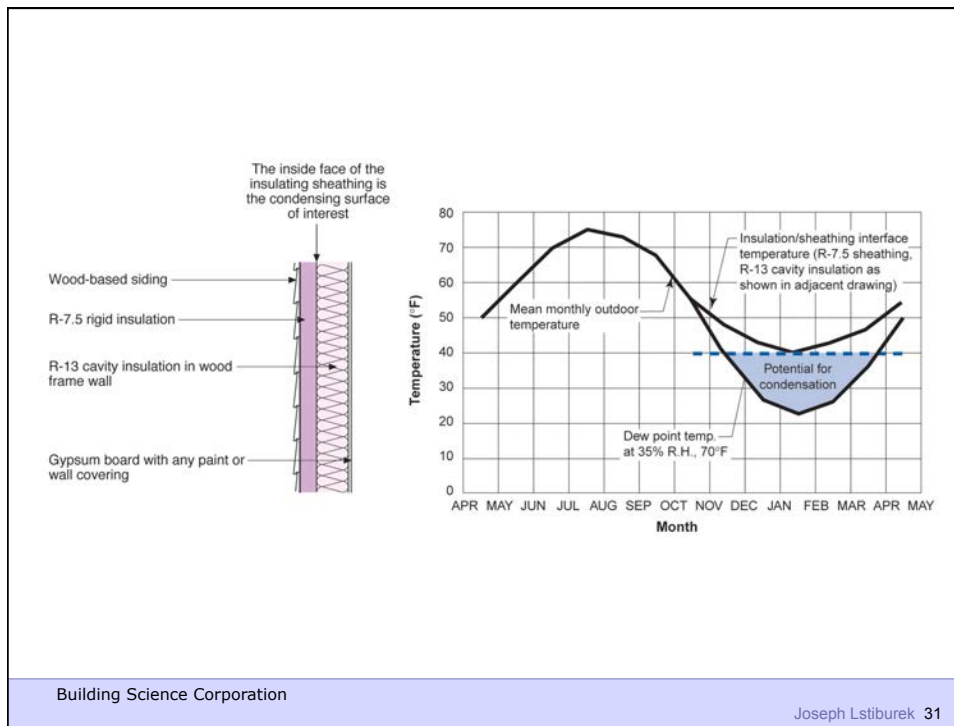
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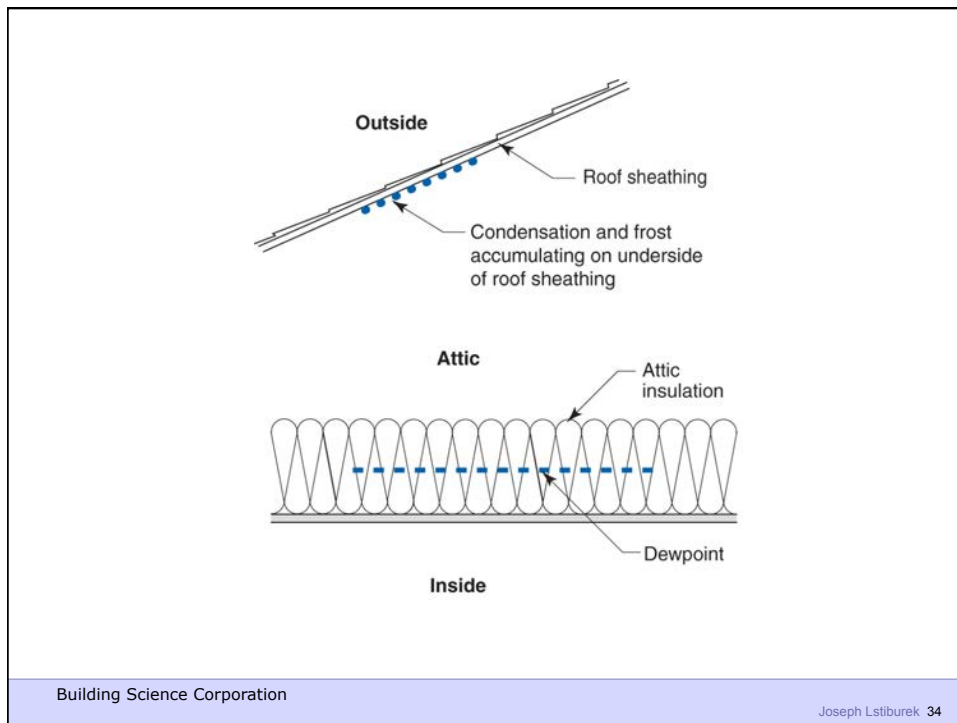
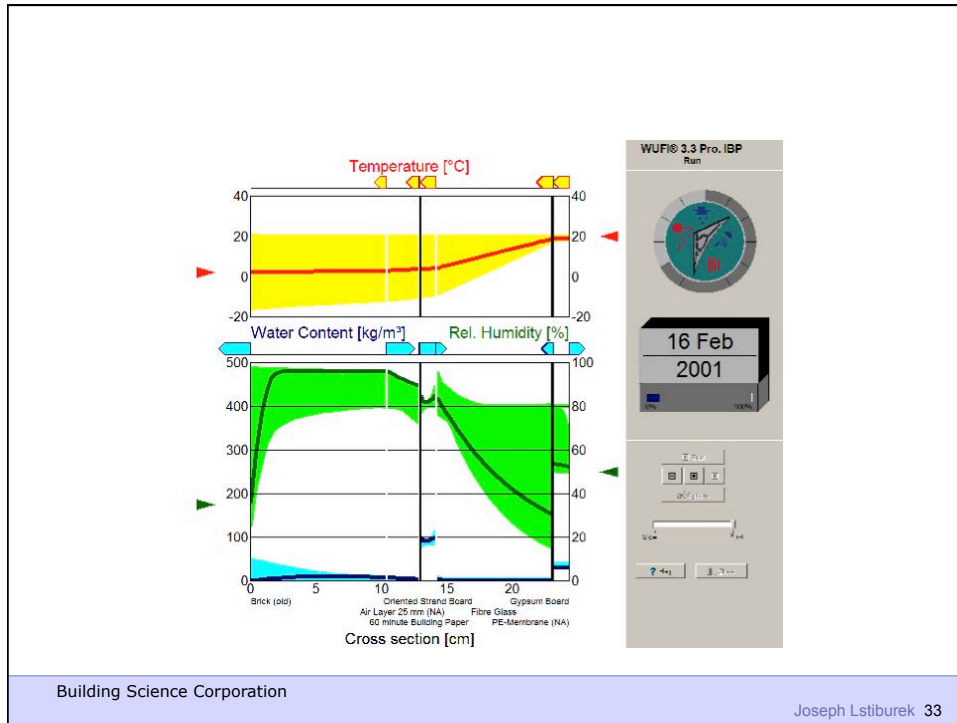
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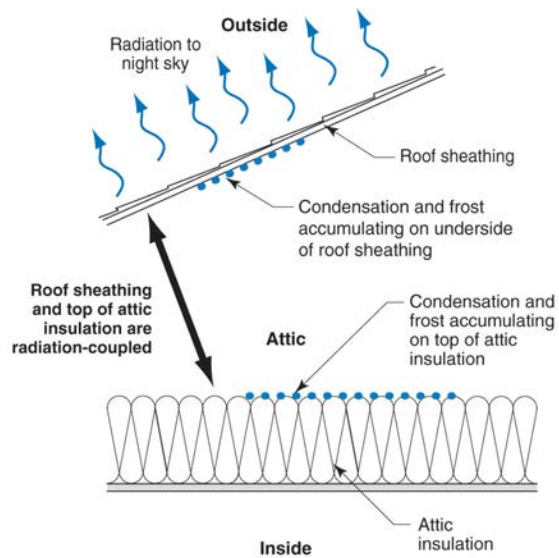






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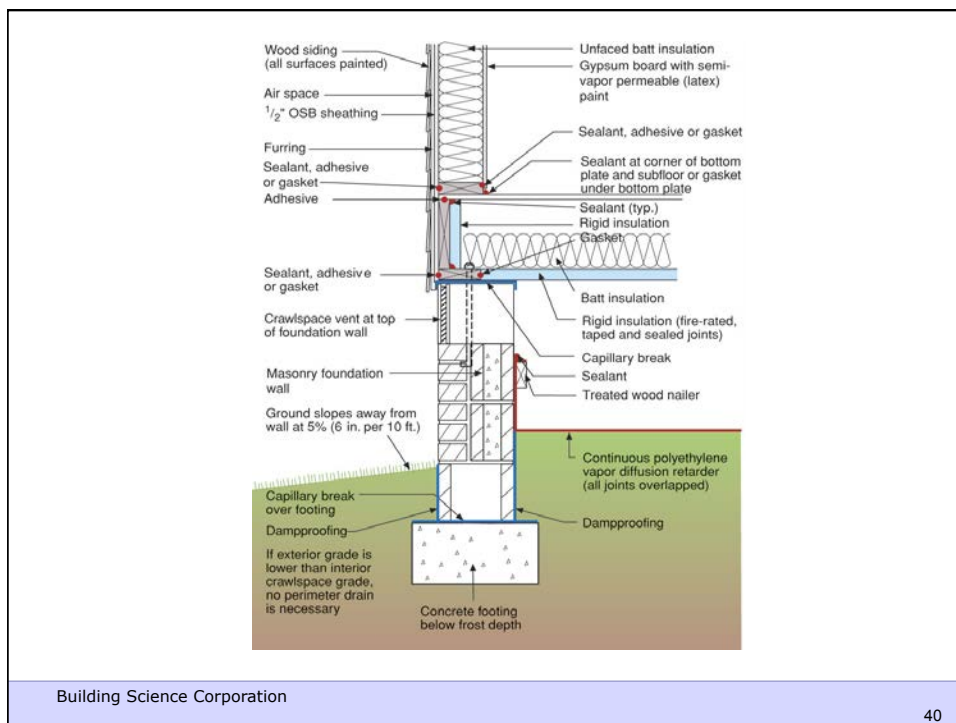
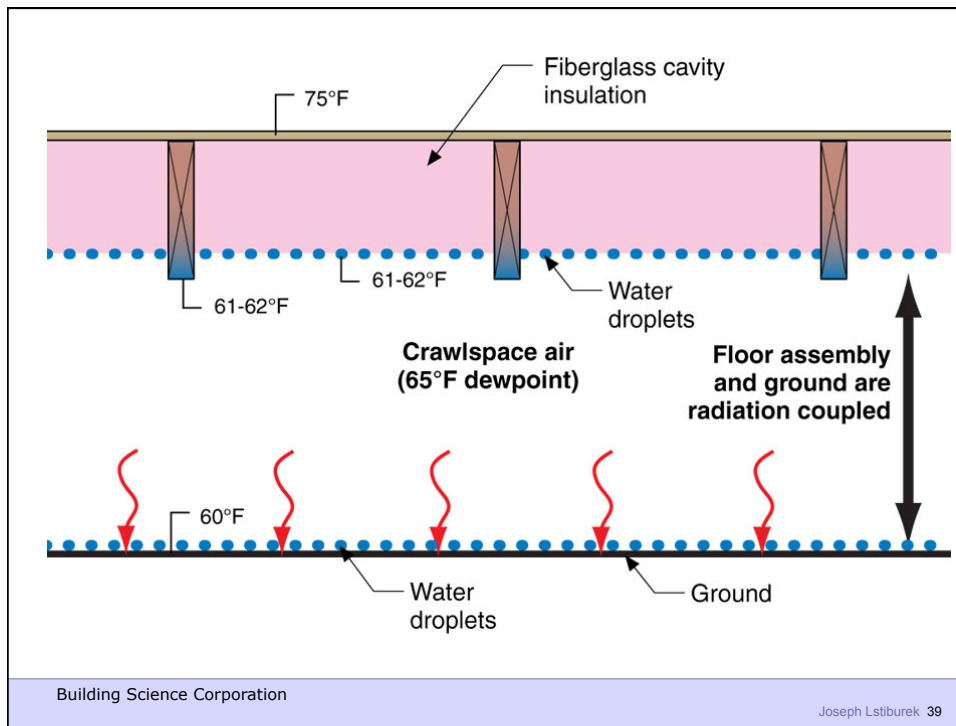
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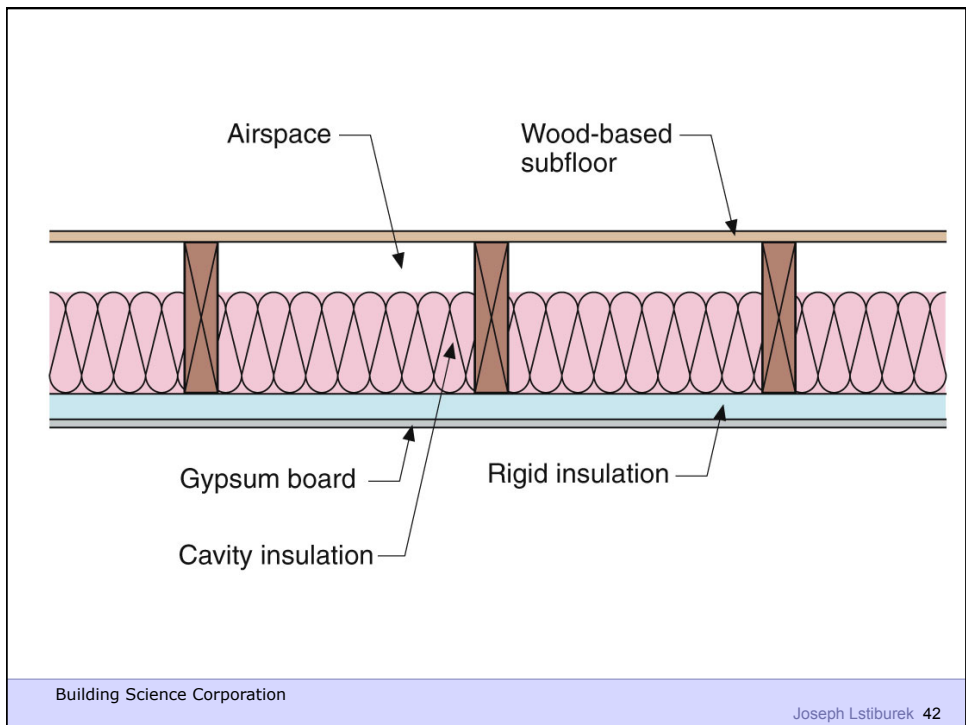
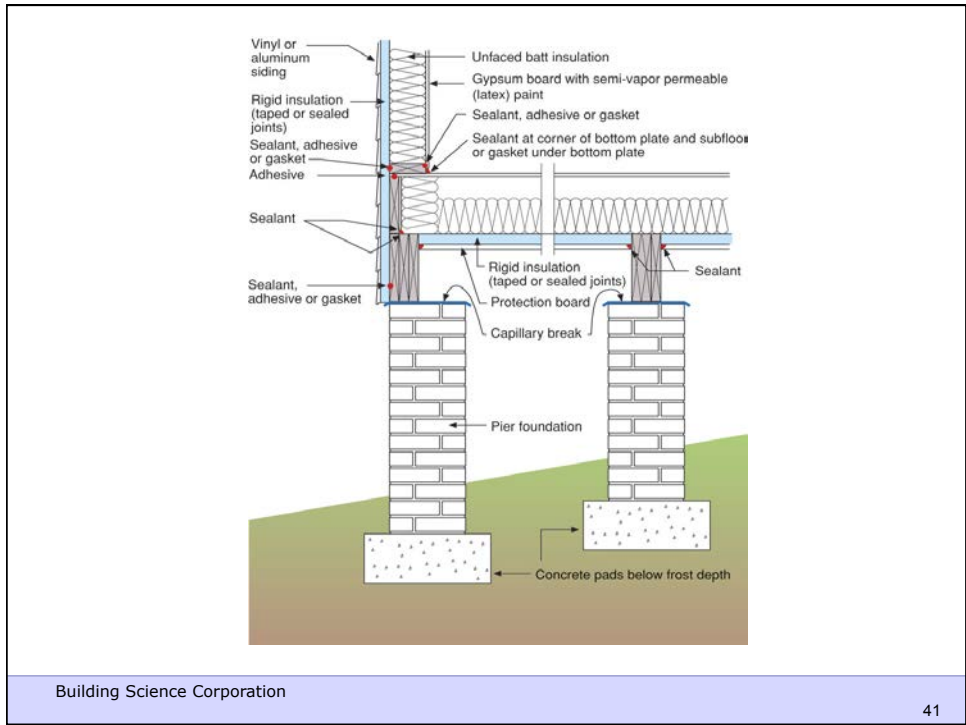
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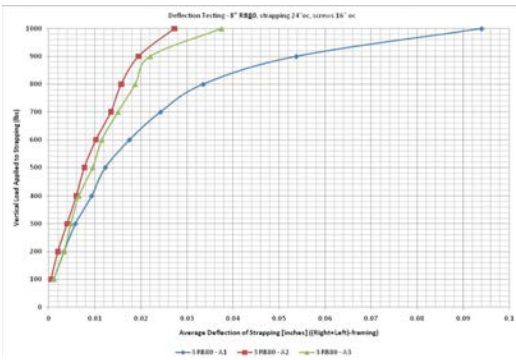
Joseph Lstiburek 43



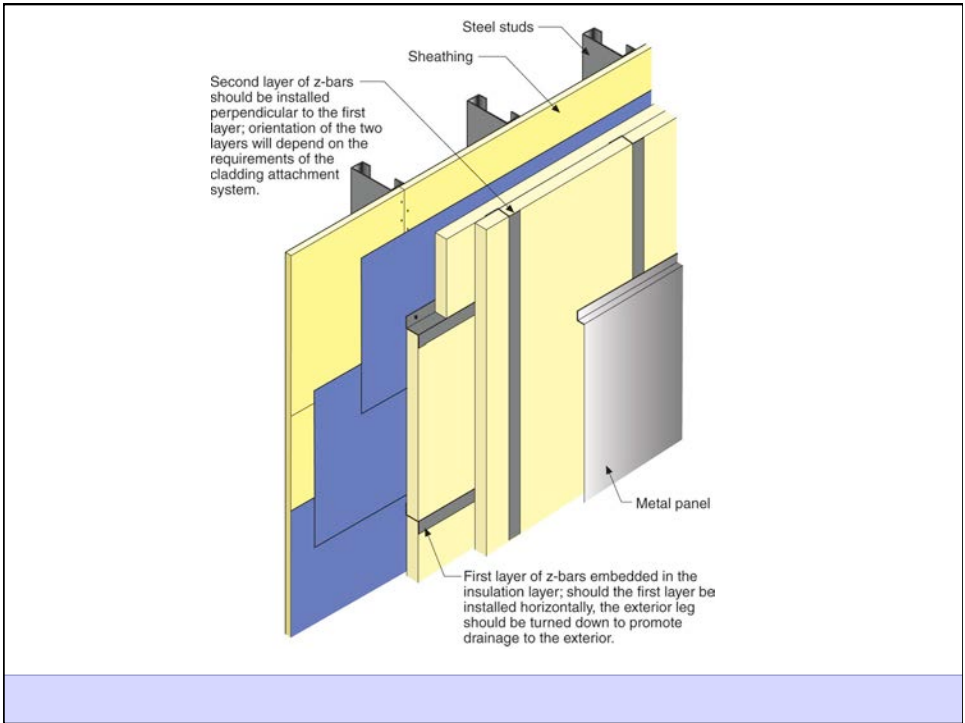


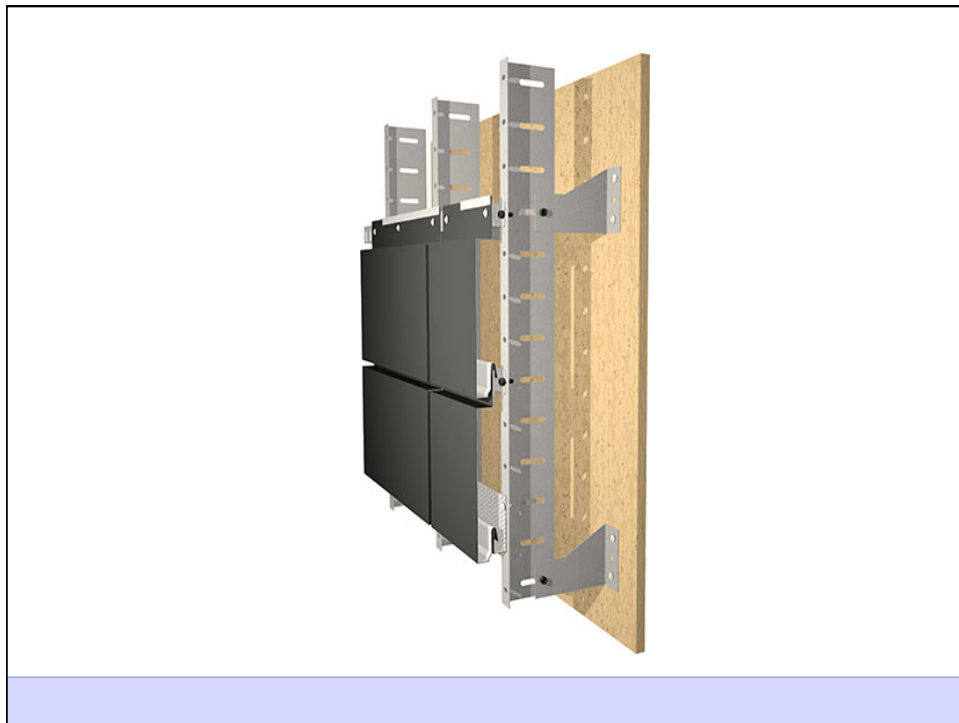
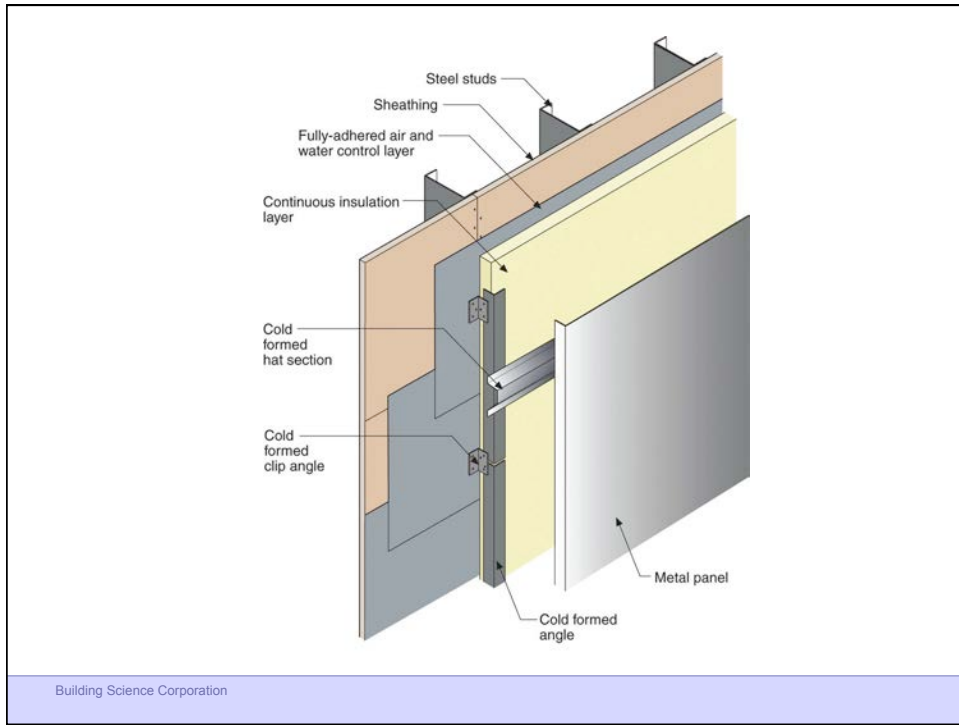
Rockwool

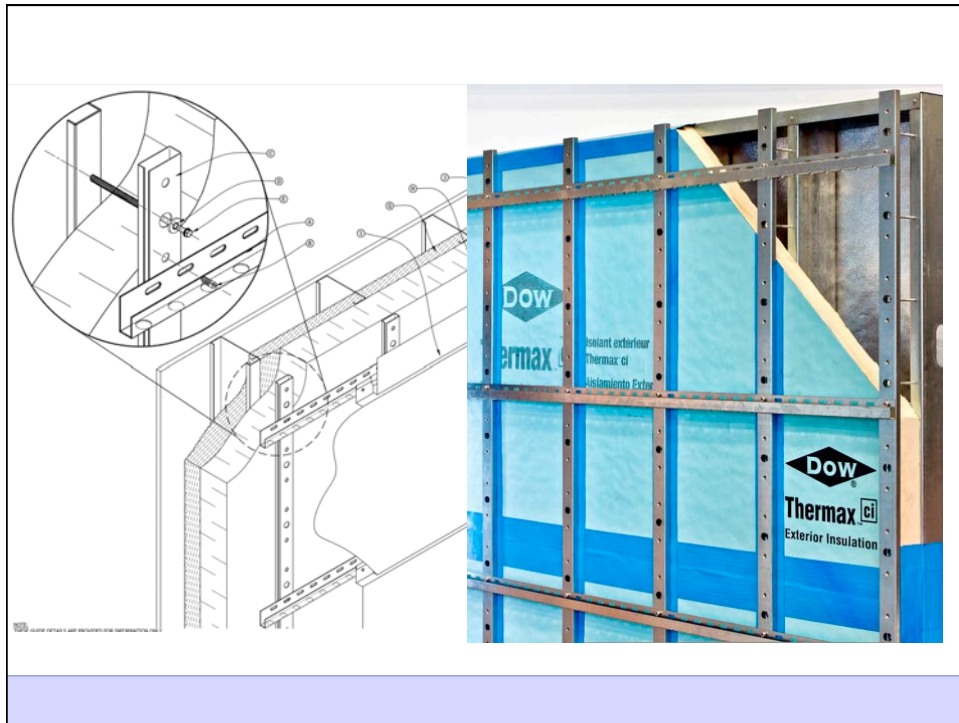
1x3 furring @ 24" o.c.
 #10 screws @ 16" o.c. vertically
 Result: 20 psf cladding weight
 with < 2/100" deflection

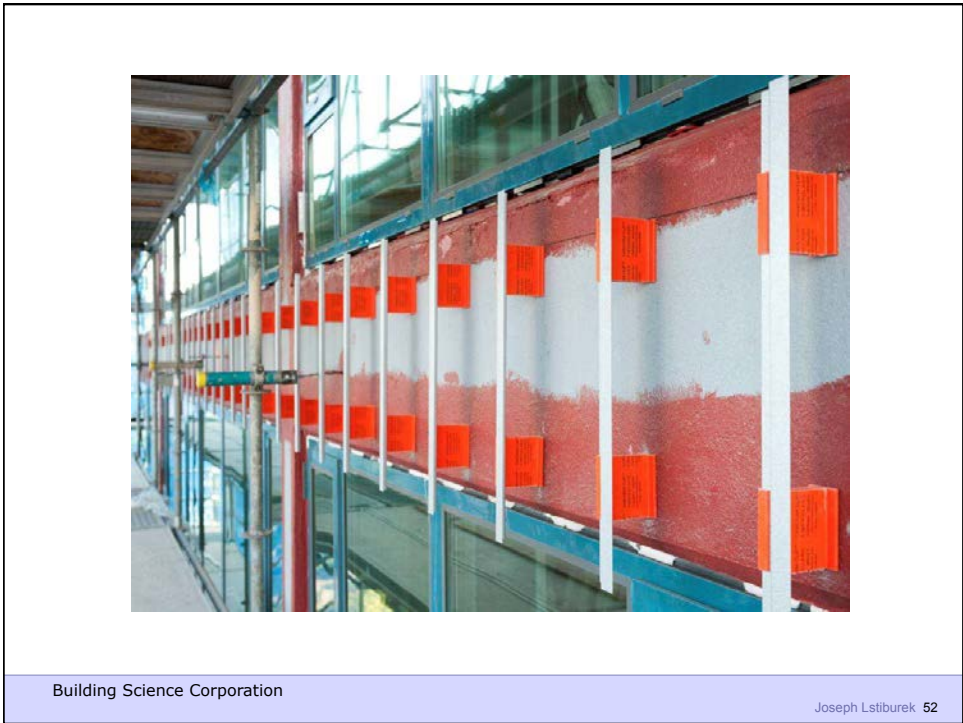
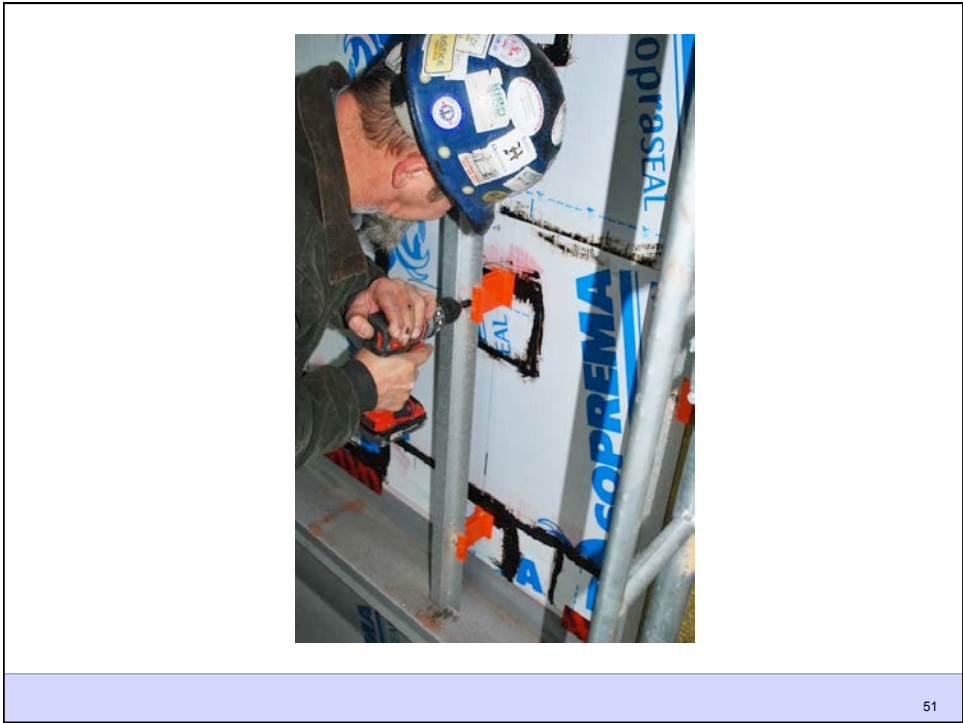


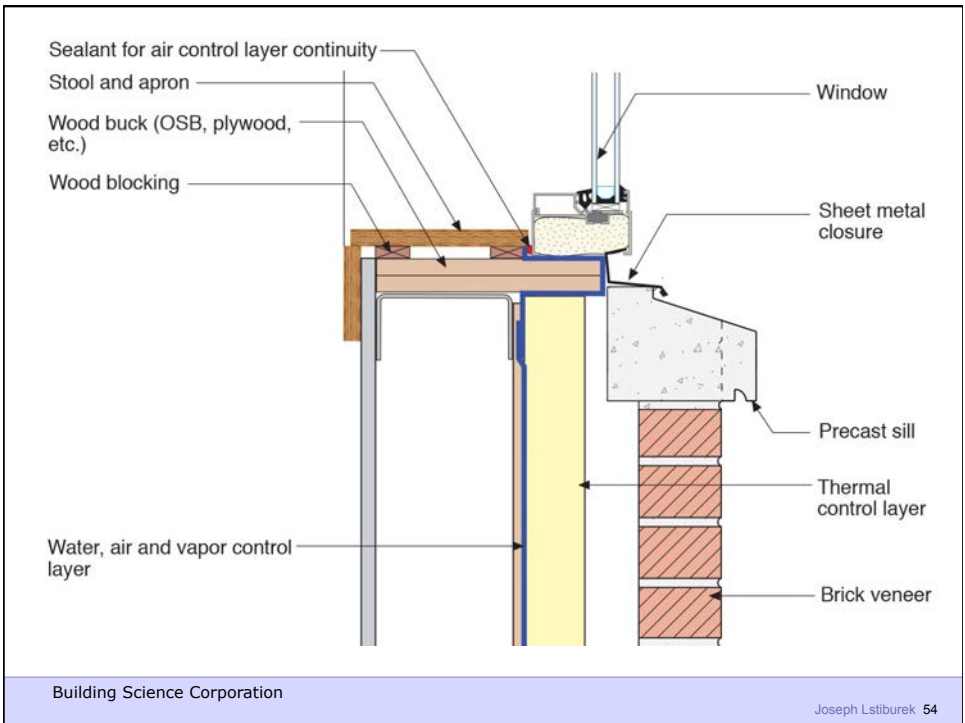
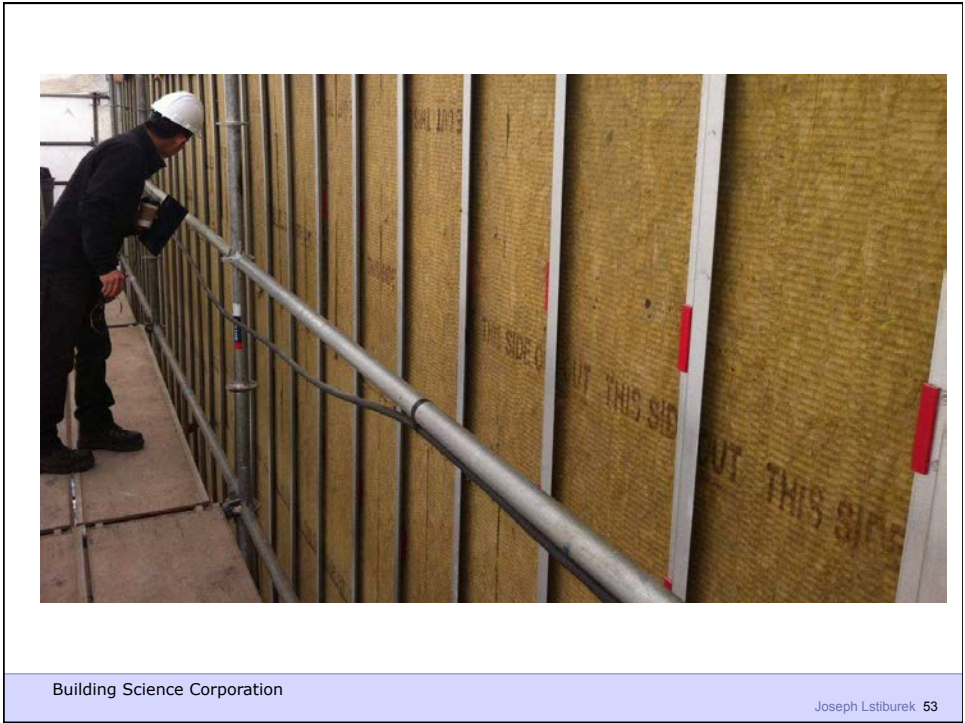
Average Deflection of Strapping [Inches] (Right-to-Left)	Vertical Load Applied to Strapping [lbs] (FR00 - A1)	Vertical Load Applied to Strapping [lbs] (FR00 - A2)	Vertical Load Applied to Strapping [lbs] (FR00 - A3)
0.00	0	0	0
0.01	200	300	400
0.02	400	600	800
0.03	600	900	1100
0.04	750	1050	1200
0.05	850	1100	1250
0.06	900	1150	1280
0.07	950	1180	1300
0.08	980	1200	1320
0.09	1000	1220	1340
0.10	1020	1240	1360

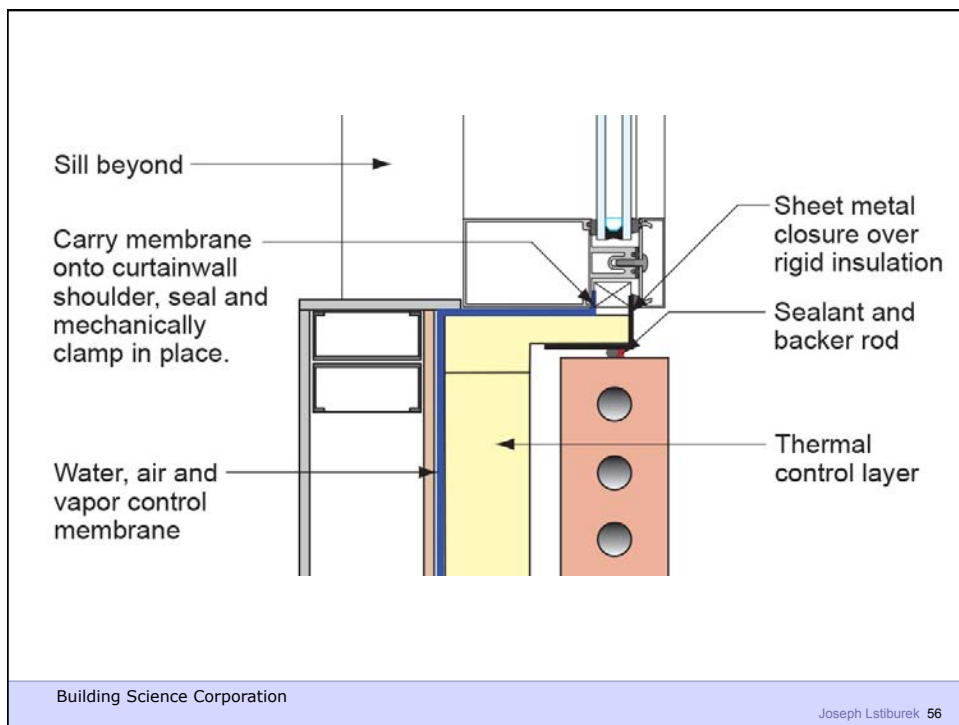
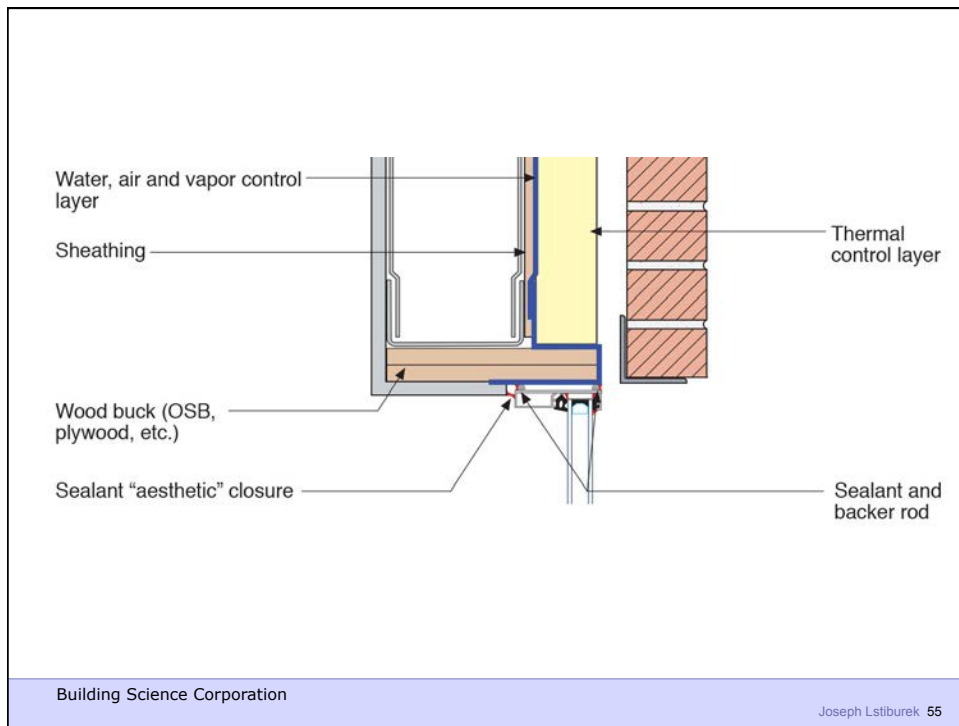












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