Stock Challenges

Use Due Diligence

% Debt to Capital sorted by Industry, PAR

Fold at first Vertical line and compare to Original Report

Ticker	Name	Rev Size	Sales Grwth	EPS Grwth	Profit Mrgin	Trend PTP	SLS R^2	EPS R^2	Debt	%Debt to Cap	Shares Issued	Ownership % Inside	Ownership % Instn	RV	PAR	TR	REC	Tck	Cur. Price	Buy UP to
Industry	26 Building Materials					Group	Constr		Sector	8 Industrials										
CRH	CRH IE Adr	L	-0.2	-19.9	4.6	UP	0.01	0.08	11895.6	46.9%	482.8	0.0	4.0	42.8	24.4	31.0	B	CRH	36.32	42.97
MAS	MASCO CORP ~	L	-3.3	95.2	6.8	UP	0.46	0.29	2999.0	103.5%	317.0	1.6	91.6	123.2	17.7	21.4	B	MAS	37.02	44.80
CX	CEMEX SAB DE CV	L	-4.0	-32.9	17.6	DOWN	0.51	0.10	13223.8	58.5%	478.0	99.9	62.0	23.9	17.4	30.0	B	CX	9.22	10.80
GFF	GRIFFON CORP ~	M	6.7	26.3	2.4	UP	0.60	0.11	965.0	70.2%	39.3	12.4	97.6	101.0	16.8	19.1	B	GFF	24.00	27.82
USG	USG CORP ~	M	-3.0	98.7	5.8	UP	0.23	0.31	1083.0	39.7%	146.0	1.5	84.4	190.4	15.6	20.1		USG	30.30	36.13
MLM	MARTIN MARIETTA	M	7.6	2.3	9.7	UP	0.57	0.02	1686.2	28.7%	63.3	1.1	100.1	92.0	14.9	17.2	B	MLM	220.19	233.10
OC	OWENS CORNING ~	L	0.7	57.8	5.8	UP	0.13	0.18	2102.0	34.7%	112.9	2.4	96.8	98.9	14.7	19.0	B	OC	60.85	70.32
MDU	MDU RESOURCES G	M	-0.3	13.8	7.8	EVEN	0.02	0.02	0.0	0.0%	195.3	1.0	71.0	114.1	14.2	17.4	B	MDU	26.90	29.99
TREX	TREX CO INC ~	S	4.7	132.2	12.8	UP	0.53	0.52	0.0	0.0%	29.3	11.3	99.3	117.2	14.1	16.5	B	TREX	73.19	80.33
BECN	BEACON ROOFING	M	8.4	8.2	4.6	DOWN	0.74	0.52	1102.7	46.3%	59.9	0.7	100.0	121.6	12.4	15.7	B	BECN	49.57	52.36
VMC	VULCAN MATERIA	M	0.6	57.7	9.4	UP	0.02	0.14	1982.9	30.0%	132.6	0.4	95.3	99.0	10.5	12.8		VMC	120.88	106.28
APOG	APOGEE ENTERPRI	M	3.0	21.1	7.4	UP	0.19	0.06	65.4	12.5%	28.7	4.8	100.3	77.0	10.3	14.4	B	APOG	54.50	56.19
PGTI	PGT ~	S	7.9	112.4	8.1	DOWN	0.40	0.60	247.9	65.3%	49.1	5.6	78.9	103.1	8.7	12.3	B	PGTI	10.90	11.53
EXP	EAGLE MATERIALS	M	4.6	5.1	16.0	UP	0.16	0.03	461.3	29.9%	47.9	2.0	98.8	74.6	7.6	11.0	B	EXP	95.97	98.24
AAON	AAON INC ~	S	5.0	11.6	18.4	UP	0.78	0.59	0.0	0.0%	52.9	22.7	52.4	157.1	7.1	9.3		AAON	36.65	31.43
AWI	Armstrong World Indst	M	-7.3	0.7	8.2	UP	0.63	0.00	886.3	77.0%	54.8	1.8	85.7	105.0	4.8	7.9		AWI	46.75	42.16
USLM	U S LIME & MINER	S	1.0	5.0	15.7	UP	0.17	0.39	0.0	0.0%	5.6	13.3	23.1	119.7	1.0	3.9		USLM	79.12	73.37
CSTE	Caesarstone Sdot-Yam	M	18.3	16.3	18.6	DOWN	0.98	0.87	16.6	3.8%	34.3	0.0	94.7	98.4	-0.4	3.7		CSTE	39.70	34.46
DOOR	Masonite International	M	2.8	36.9	6.6	EVEN	0.38	0.04	470.7	40.4%	29.9	1.7	77.5	142.4	-0.7	2.3		DOOR	83.20	73.37
HW	HEADWATERS INC	M	-0.4	79.0	4.0	UP	0.00	0.29	740.4	72.7%	74.2	1.9	92.4	125.8	-1.4	0.7	S	HW	23.76	16.20
ROCK	GIBRALTAR INDUS	M	-1.7	-1.4	3.8	UP	0.06	0.00	209.6	30.5%	31.7	2.8	97.2	140.8	-6.1	-4.1	S	ROCK	39.25	24.30
NX	QUANEX CORP ~	M	-5.1	-34.7	2.3	DOWN	0.20	0.15	272.5	42.5%	34.1	3.1	90.1	787.6	-33.4	-32.1	S	NX	20.40	1.58
Companies	22		2.1	31.4	8.9		0.35	0.24	1836.9	37.9%				138.9	7.7	11.3				

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Industry	56 Engineering & Construction					Group	Constr		Sector	8 Industrials										
EME	EMCOR GROUP INC	L	2.2	18.2	4.0	EVEN	0.34	0.04	423.3	21.0%	60.5	3.0	100.6	123.9	12.7	16.6	B	EME	65.74	73.26
FLR	FLUOR CORP	L	0.4	-1.7	3.9	DOWN	0.00	0.03	1600.2	33.7%	139.3	1.3	93.7	136.5	11.5	14.6		FLR	51.32	55.78
FIX	COMFORT SYSTEM	M	4.0	8.4	4.0	UP	0.74	0.01	2.0	0.5%	37.2	3.0	90.8	94.4	10.3	13.8	B	FIX	36.70	39.00
TTEK	TETRA TECH INC	M	3.7	-10.6	4.5	UP	0.47	0.02	388.2	30.5%	57.1	2.9	93.2	130.0	9.5	12.6		TTEK	43.95	42.54
VSEC	VSE CORP	M	-6.2	3.5	7.6	DOWN	0.39	0.35	236.6	48.7%	10.8	21.4	36.5	158.7	9.2	13.8		VSEC	42.65	43.95
JEC	JACOBS ENGINEERI	L	2.4	-2.9	4.3	DOWN	0.39	0.16	389.9	8.1%	119.4	4.5	71.7	153.9	8.9	11.3		JEC	54.92	56.70
AEGN	Aegion	M	11.6	-36.7	3.9	DOWN	0.89	0.23	370.6	38.9%	33.9	2.8	74.1	143.9	7.2	10.4		AEGN	22.82	22.55
AMRC	Ameresco	M	4.8	22.4	1.6	UP	0.42	0.07	159.9	35.0%	45.8	18.7	20.1	34.7	5.1	8.2		AMRC	6.45	6.37
PWR	QUANTA SERVICES	L	13.2	4.4	6.3	DOWN	0.93	0.12	361.1	9.2%	155.0	2.3	95.2	117.9	4.5	7.7		PWR	35.44	32.93
AGX	Argan	M	12.1	78.6	19.1	DOWN	0.58	0.54	0.0	0.0%	15.3	17.7	89.0	122.3	2.2	6.7		AGX	66.85	58.82
ACM	AECOM TECHNOLO	L	15.4	-31.3	2.4	DOWN	0.86	0.13	4110.1	53.3%	154.3	1.6	95.7	134.8	1.9	4.0		ACM	34.21	29.18
GVA	GRANITE CONSTRU	M	0.0	-9.6	2.8	UP	0.00	0.01	244.3	21.6%	39.6	1.6	95.2	108.4	1.3	3.2	S	GVA	52.71	39.60
MYRG	MYR GROUP INC	M	8.2	54.0	5.0	DOWN	0.87	0.34	64.0	19.1%	16.0	4.9	80.7	200.0	1.1	3.2		MYRG	42.26	34.88
KBR	KBR INC	M	-9.5	-46.9	5.4	DOWN	0.79	0.37	693.0	38.5%	142.0	1.6	77.1	-197.0	0.8	0.7	S	KBR	14.05	-7.73
CBI	CHICAGO BRIDGE	L	20.3	-53.9	6.1	DOWN	0.67	0.08	2199.3	49.6%	100.1	2.2	43.3	-71.5	0.2	0.2	S	CBI	30.08	-55.27
ORN	ORION MARINE GR	M	9.3	-53.2	2.6	DOWN	0.80	0.50	101.3	30.5%	27.5	3.9	79.4	-130.9	0.0	0.0	S	ORN	7.55	-2.32
PRIM	Primoris Services	M	19.9	14.5	4.6	DOWN	0.79	0.15	261.8	34.6%	51.8	24.5	52.2	186.7	-0.9	1.1	S	PRIM	22.97	15.00
Companies	17		6.6	-2.5	5.2		0.58	0.19	682.7	27.8%				85.1	5.0	7.5				
Industry	91 Lumber & Wood Production					Group	Constr		Sector	1 Basic Materials										
UFPI	UNIVERSAL FORES	M	4.5	29.0	3.5	UP	0.40	0.53	276.8	25.1%	20.4	3.3	80.0	93.6	10.3	14.4	B	UFPI	95.29	101.53
RYN	RAYONIER INC ~	M	-7.1	-9.0	16.7	UP	0.31	0.17	1061.9	43.8%	122.6	3.7	85.8	57.5	7.0	10.8		RYN	28.22	25.50
WY	WEYERHAEUSER C	L	-4.1	78.6	8.5	UP	0.18	0.36	7122.0	44.5%	748.8	0.6	79.6	173.9	-4.9	-3.5	S	WY	33.87	15.82
DEL	Deltic Timber ~	S	7.8	4.1	10.0	DOWN	0.74	0.02	240.8	49.8%	12.0	4.4	58.3	191.7	-22.1	-20.6	S	DEL	77.37	19.35
Companies	4		0.3	25.7	9.7		0.41	0.27	2175.4	40.8%				129.2	-2.4	0.3				

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Industry	128 Residential Construction					Group	Constr		Sector	3 Consumer Cyclical										
PHM	PULTE HOMES INC	L	0.3	209.0	10.2	UP	0.00	0.75	3250.4	39.4%	317.8	2.2	87.8	94.0	18.2	24.8	B	PHM	22.67	27.28
TOL	TOLL BROTHERS IN	L	5.5	125.9	10.6	UP	0.11	0.51	3632.5	44.4%	162.6	5.4	81.4	85.9	17.5	22.8	B	TOL	35.99	44.95
NVR	NVR INC	L	4.4	14.9	10.3	UP	0.21	0.53	596.6	29.2%	3.7	10.3	98.9	103.3	16.1	20.9	B	NVR	2111.25	2548.21
MHO	M/I Homes	M	21.0	9.2	4.9	UP	0.54	0.76	495.3	41.0%	24.7	0.6	119.6	115.6	13.4	18.9	B	MHO	27.16	31.25
TMHC	Taylor Morrison Home	M	22.5	3.3	9.0	EVEN	0.94	0.09	1586.5	74.8%	30.4	0.1	103.3	107.1	12.6	18.4	B	TMHC	23.10	26.16
LEN	LENNAR CORP	L	7.9	193.0	10.9	UP	0.20	0.78	0.0	0.0%	232.2	1.8	81.5	97.8	12.3	18.3	B	LEN	50.50	54.92
DHI	D R HORTON INC	L	5.8	170.0	9.6	UP	0.13	0.73	3222.4	33.0%	374.4	6.5	79.9	103.2	11.9	17.9	B	DHI	32.89	35.57
KBH	KB HOME	M	-1.7	187.9	3.5	UP	0.01	0.70	2504.4	56.8%	85.1	3.0	106.0	98.9	3.5	7.6		KBH	20.60	19.26
CVCO	CAVCO INDUSTRIE	M	24.2	35.9	5.8	UP	0.79	0.14	57.8	14.2%	9.0	6.5	97.4	119.2	-3.0	-1.0	S	CVCO	118.75	95.77
BZH	BEAZER HOMES US	M	-2.8	141.9	1.3	DOWN	0.04	0.56	1336.5	68.4%	31.9	7.5	91.3	525.8	-23.6	-21.9	S	BZH	12.41	2.32
Companies	10		8.7	109.1	7.6		0.30	0.55	1668.2	40.1%				145.1	7.9	12.7				
Industry	151 Tools & Accessories					Group	Constr		Sector	3 Consumer Cyclical										
PRLB	Proto Labs	S	31.4	14.8	27.1	DOWN	0.98	0.84	0.0	0.0%	26.5	8.5	100.2	90.1	11.4	13.7		PRLB	58.00	56.40
SWK	STANLEY WORKS	L	13.7	9.6	10.0	UP	0.74	0.35	4983.0	45.9%	149.2	1.6	88.6	86.1	11.2	15.4	B	SWK	136.15	139.23
SSD	SIMPSON MANUFA	M	1.8	8.0	12.9	UP	0.12	0.18	0.0	0.0%	47.5	14.2	84.3	82.1	10.7	14.1	B	SSD	41.71	43.72
LECO	LINCOLN ELECTRIC	M	2.2	6.7	12.5	DOWN	0.17	0.13	705.5	47.5%	65.7	1.9	63.5	134.7	8.3	10.4		LECO	89.03	88.05
TKR	TIMKEN CO	M	-6.3	-11.5	11.4	DOWN	0.49	0.01	659.2	32.6%	77.6	3.3	82.4	156.2	7.3	10.3		TKR	48.25	48.71
SNA	SNAP-ON INC	M	3.0	14.1	19.3	UP	0.63	0.81	1022.6	27.2%	57.9	1.4	89.3	110.6	5.8	9.8		SNA	167.53	162.08
ROLL	RBC BEARINGS INC	M	6.4	8.7	19.6	DOWN	0.73	0.66	294.9	33.7%	23.6	2.9	100.8	158.9	2.6	4.8		ROLL	100.30	83.55
CVR	Chicago Rivet & Mach	S	3.2	83.8	8.3	UP	0.27	0.35	0.0	0.0%	1.0	0.1	29.3	118.9	2.0	5.9		CVR	41.45	36.64
EML	EASTERN CO	S	0.5	6.2	7.0	DOWN	0.02	0.08	0.0	0.0%	6.3	10.7	58.6	144.2	1.7	4.9		EML	27.65	24.76
KMT	KENNAMETAL INC	M	0.9	-38.6	7.6	DOWN	0.04	0.16	696.2	37.8%	80.4	1.6	100.6	-493.7	0.9	0.8	S	KMT	41.58	-9.52
TTC	TORO CO	M	3.9	14.3	11.8	UP	0.65	0.73	338.3	36.2%	108.6	3.1	81.9	162.8	-1.4	0.6	S	TTC	64.92	54.30
NNBR	NN INC $	M	7.8	67.2	4.0	DOWN	0.48	0.21	0.0	0.0%	27.2	7.4	70.8	396.7	-14.1	-12.5	S	NNBR	27.60	8.40
HDNG	HARDINGE INC	S	0.1	20.3	3.1	DOWN	0.00	0.03	5.9	3.5%	12.9	4.7	78.7	218.9	-23.9	-22.5	S	HDNG	10.50	2.33
Companies	13		5.3	15.7	11.9		0.41	0.35	669.7	20.3%				105.1	1.7	4.3				

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The LongFellow Investor Report

Stock Challenges

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Ticker	Name	Rev Size	Sales Grwth	EPS Grwth	Profit Mrgin	Trend PTP	SLS R^2	EPS R^2	Debt	%Debt to Cap	Shares Issued	Ownership % Inside	Instn	RV	PAR	TR	REC	Tck	Cur. Price	Buy UP to

Report Headers Legend

Rev Size = Based on Sales Revenue Size-BI value

Sales Grwth = Sales Growth

EPS Grwth = EPS Growth

Profit Mrgin = Pre-tax Profit Margin

Trend PTP = Trend of Pre-tax Profit

Sales R^2 = Sales Trend Line Predictability

EPS R^2 = EPS Trend Line Predictability

Debt = Long Term Debt

%Debt to Cap = % of Debt to Capitalization

Shares Issued = Common Issued

Inside = Insider Ownership %

Instn = Institutional Ownership %

RV = Relative Value of Current PE to Average PE

PAR = 5 yr Projected Average Return

TR = 5 yr Total Return

Rec = Recommendation

Buy Up To = Recommendation

1. Look for RV,PAR,TR Columns to be Dark Blue.

2. Sales ^2 in upper.90's should indicate good trend lines.

3. Compare PTP (Pre Tax Profit) for individual stock to the Industry

4. Compare % of Debt to Capitalization) for individual stock to the Industry

5. Check Company with Buy reccomendation to PTP Trend. If Down this may be an indication of the Barbed Wire Fence. DO NOT PROCEED!

R ^2			
	.97 to 1.00	0	0.0%
	.90 to 0.96	0	0.0%
	less than .90	66	100.0%

Large Revenue	17	25.8%
Mid Revenue	40	60.6%
Small Revenue	9	13.6%
Companies	66	

PAR			
	14.9 Plus %	9	13.6%
	12.0 to 14.8	8	12.1%
	10.0 to 11.9	9	13.6%
	< 10.0	40	60.6%

Relative Value			
	85.0 to 110.0	19	28.8%
	70.0 to 84.9	3	4.5%
	110.01 to 115.	2	3.0%
	Market knows something that we don't		
	< 70.0	8	12.1%
	> 115.0	34	51.5%

Total Return			
	20 Plus	7	10.6%
	14.9 to 19.9	12	18.2%
	10.0 to 14.8	16	24.2%
	< 10.0	31	47.0%

%Debt to Cap			
	33% or Less	21	31.8%
	33.01 to 40.0	11	16.7%
	40.01 Plus	23	34.8%
	<= Zero	11	16.7%
	Null	0	0.0%

40 Plus: Money goes to the Banks not to You. Compare to Industry

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