Cattana	Poteil /P.	ilding Supr	Also)			05 557 35											
Settore	Retail (Building Supply)					05-gen-25											
Worksheet	Beta	Cost of Equity	E/(D+E)	Std Dev in Stock	Cost of Debt	Tax Rate	After-tax Cost of Debt	D/(D+E)	Cost of Capital	Cost of Capital (Euros)	Leverage	Beta unlevered					
WaccEurope	1,15	10,87%	61,72%	32,13%	6,36%	15,36%	4,78%	38,28%	8,54%	7,48%	62,03%	0,76					
Worksheet	Capital Expenditures	Depreciation	Cap Ex/Deprecn	Acquisitions	Net R&D	Net Cap Ex/Sales	Net Cap Ex/ EBIT (1-t)	Sales/Capital									
CapexEurope	985,85	1.239,19	0,80	190,67	- 5,31	- 0,00	- 0,04	2,43									
Worksheet	Acc Rec/ Sales	Inventory / Sales	Sales	Non-cash WC/ Sales													
WcdataEurope	3,13%	17,08%	13,07%	5,72%													
gg	11	62	48	21													
Worksheet	Beta	ROE	Cost of Equity		BV of Equity	Equity EVA	ROC	Cost of Capital		BV of Capital	EVA	E/(D+E)	Std Dev in Stock	Cost of Debt	Tax Rate	After-tax Cost of Debt	D/(D+E)
EVAEurope	1,15	6,54%	10,87%	-4,33%	15.051,63	- 651,49	10,48%	8,54%	1,94%	18.595,11	361,63	61,72%	32,13%	6,36%	15,36%	4,78%	38,28%
Worksheet	ROE	Retention Ratio	Fundamental Growth		Calcolo Fund. Growth												
fundgrEurope	6,54%	32,84%	2,15%		2,15%												
Worksheet	CAGR in Net Income- Last 5 years	CAGR in Revenues- Last 5 years	Expected Growth in Revenues - Next 2 years	Expected Growth in Revenues - Next 5 years	Expected Growth in EPS - Next 5 years												
HistgrEurope	10,94%	6,39%	3,86%	3,36%	8,60%												
Worksheet	Gross Margin	Net Margin	Pre-tax, Pre- stock compensatio n Operating Margin	Pre-tax Unadjusted Operating Margin	After-tax Unadjusted Operating Margin	Pre-tax Lease adjusted Margin	After-tax Lease Adjusted Margin	Pre-tax Lease & R&D adj Margin	After-tax Lease & R&D adj Margin	EBITDA/Sales	EBITDASG&A / Sales	EBITDAR&D/ Sales	COGS/Sales	R&D/Sales	SG&A/ Sales	Stock-Based Compensatio n/ Sales	Lease Expense/Salo
MarginEurope	38,50%	2,19%	5,20%	5,08%	4,30%	5,15%	4,36%	5,14%	4,35%	6,62%	38,30%	6,69%	61,50%	0,07%	31,68%	0,12%	0,33%
Worksheet	EV/ EBITDAR&D	EV/EBITDA	EV/EBIT	EV/EBIT (1-t)	EV/ EBITDAR&D	EV/EBITDA	EV/EBIT	EV/EBIT (1-t)									
EVEbitdaEurope		8,08	11,10	14,67	8,74	8,83	11,35	15,01									
		Only positive	EBITDA firm	S		All f	irms										
Worksheet	Price/Sales	Net Margin	EV/Sales	Pre-tax Operating Margin	P/Sales ponderato per Net												
psEurope	0,39	2,19%	0,58	5,15%	0,18	l											
Worksheet	% of Money Losing firms	Current PE	Trailina PE	Forward PE	Aggregate Mkt Cap/ Net Income (all	Aggregate Mkt Cap/ Trailing Net Income (only	Expected growth - next	PEG Ratio (=Current PE:									

EGNFY)

1,58

5 years

8,60%

money makina firms) 13,59

firms)

19,96

'Value Ratio'

(PBV/ROE) 17,24

30,91

ROE

6,54%

39,31

EV/ Invested

Capital 1,40

19,08

ROIC

10,48%

(Trailing)

0,36

PBV

1,13

peEurope

pbvEurope

Worksheet

		Riepilogo principali variabili							
Variabili		Descrizione							
Beta levered del settore	1,15	Il coefficiente beta nel CAPM rappresenta la rischiosità del titolo ed in particolare la covarianza tra gli extrarendimenti del titolo rischioso e gli extrarendimenti del mercato, fratto la varianza di questi ultimi							
Beta unlevered del settore	0,76	This is the beta for the sector, unlevered by the market value debt to equity ratio for the sector: Unlevered Beta = [Beta / (1 + (1- tax rate) * (Debt/Equity Ratio)]							
E/(D+E)	61,72%	Equity ratio							
D/(D+E)	38,28%	Debt ratio = Total Debt (including lease debt) / (Total Debt (including lease debt)+ Market Cap); this is the market value estimate of the debt ratio, obtained by dividing the cumulated value of debt by the cumulated value of debt plus the cumulated market value of equity for the entire sector.							
Leverage (D/E)	62,03%	imated using cumulated market value of equity for the sector and cumulated debt for the sector: bt/Equity Ratio for Sector = Cumulated Debt for Sector/Cumulated Market Value of Equity							
Tax rate del settore	15,36%	Effective tax rate = Taxes paid/ Taxable Income							
Std Dev in Stock	32,13%	The standard deviation in weekly stock prices, estimated using two years of data. The number is annualized							
Cost of debt	6,36%	Pre-tax cost of borrowing for sector, estimated based upon the standard deviation of equity							
Cost of Equity	10,87%	Risk free Rate + Beta * Equity Risk Premium, in US \$							
Cost of capital	8,54%	Cost of Equity * (Equity / (Debt + Equity)) + Cost of Debt (1- Marginal tax rate) *(Debt / (Debt + Equity))							
Non-Cash Working Capital /Sales 5,72%		Non-cash Working Capital = Inventory + Other Current Assets + Accounts Receivable - Accounts Payable - Other Current Liabilities [Current assets excluding cash - Current liabilities excluding interest bearing debt)							
Net Capex /Sales -0,15%		Net Capital Expenditures: Estimated as the difference between capital expenditures and depreciation							
Reinvestment rate	-3,89%	Reinvestment Rate = [(Net Capital Expenditures + Change in WC) / EBIT (1-t)]							
Net Margin / Sales (Net Income/Sales)	2,19%	Estimated by dividing the net income by the total revenues Net Margin = Net Income / Sales							
COGS (Cost of Goods Sold)/Sales	61,50%	Sum of COGS reported as expense in most recent year							
R&D/Sales	0,07%	Sum of R&D reported as expense in most recent year							
SG&A (Sales, General & Administrative Expenses)/ Sales	31,68%	Sum of SG&A reported as expense in most recent year							
Ebitda margin (Ebitda/Sales)	6,62%	Margine redditività operativa lorda							
ROE (Return on Equity)	6,54%	Estimated by dividing the net income by the book value of equity; if book value of equity is negative, this is not estimated.							
Roc (Return on Capital) o Roic (Return on Invested Capital)	10,48%	Estimated by dividing the after-tax operating income by the book value of invested capital. ROC = EBIT (1-t) / (BV of Debt + BV of Equity-Cash) >>> (Nopat/CIN)							
Capex/Depreciation	79,56%	Estimated by dividing the capital expenditures by depreciation (where depreciation Includes both depreciation and amortization)							

,15%	Fundamental Growth in EPS =Retention Ratio * ROE. Dove: Retention Ratio = 1 - Dividend Payout Ratio
3,71%	ROC * Reinvestment Rate, based upon the aggregated values estimated in last two columns.
,86%	Growth totale dei ricavi attesa nei prossimi 2 anni
,36%	Growth totale dell'utile netto attesa nei futuri 5 anni
1 44%	Obtained using this year's earnings per share and earnings per share from 5 years ago: Historical Growth rate = (EPS (today)/EPS(5 years ago))^(1/5)-1 If EPS five years ago or today is negative, this number is not estimated
,39%	CAGR Revenues last 5 years
2,43	Asset turnover indicator; utile per definire il reinvestimento necessario a mantere i ricavi aziendali [Reinvestment rate=crescita dei ricavi anno n+1 / (Sales/Capital) anno n; oppure Capital/Sales anno n * crescita dei ricavi anno n+1]; quanto maggiore è l'indice di rotazione tanto minori sono gli investimenti da eseguire nel settore; Inoltre Sales/Capital * ROS = ROIC
1,24%	Reciproco dell'indice di rotazione Sales/Capital
0,58	Multiplo Asset Side, dove: EV (Enterprise Value) = Market value of equity + Market value of debt - Cash
8,08	Multiplo Asset Side; Enterprise Value / EBITDA = (Market Value of Equity + Value of Debt-Cash) / EBITDA. EBTDA estimated by adding depreciation and amortization back to operating income (EBIT)
1,10	Multiplo Asset Side; dove Ebit=Operating income
0,39	Multiplo P/E (Equity Side)
1,13	Multiplo P/BV (Equity Side)
19,08	Multiplo P/E (Equity Side)
1,40	Multiplo Asset Side; dove: Invested capital = Book value of equity + Book value of debt - Cash - Goodwill
, , , , , , , , , , , , , , , , , , ,	86% 36% ,94% 39% 2,43 ,24% 9,58 1,10 9,39 ,13

Cost of Ca	pital by	Damodara	n									
					Assunzioni							
Long Term Treasu	=	4,580%				1		- W- 116				
Risk Premium to U	Jse for Equity	=	5,450%		D. 1.T	Inflazione Area Euro Vs US						
Global Default Spr	cost of debt =	0,830%	INI	PUT		al are in US\$. To		1,500%				
T (Aliquota fiscale)) = Marginal t	ax rate =	15,359%			please enter >>	lifferent currency, >>	Expected inflation	2,500%			
	Cost of E	Debt (COD)						В	Basis Spread (*)		
Basis Spread (*)			1,650%					Std Dev in Sto	ock (sector) >>>	32,13%		
Global Default Spr	read to add to	cost of debt	0,830%	-					tion of Equity (in ock)	Basis Spread		
Spread totale			2,480%					0	0,25	0,990%		
Tasso Risk free			4,580%					0,25	0,4	1,650%		
COD pre tax			7,060%					0,4	0,65	2,068%		
Taxation (%)			15,359%	Marginal rate?	Yes			0,65	0,75	3,163%		
COD post imposte	2		5,976%					0,75	0,9	6,613%		
								0,9	1	8,338%		
								1	10	10,063%		
				Cos	sto del capita	ale						
Sector	Beta	Cost of Equity	E/(D+E)	Std Dev in Stock	Cost of Debt	Tax Rate	After-tax Cost of Debt	D/(D+E)	Cost of Capital	Cost of Capital (Euros)		
Retail (Building Supply)	1,15	10,87%	61,72%	32,13%	7,060%	15,359%	5,976%	38,283%	8,995%	7,932%		