Star Cement



Your success is our success

Refer to important disclosures at the end of this report

In-line quarter; cost headwinds ahead

CMP Rs 91 as of (May 18, 2022) Target Price Rs 100 (■) 12 months

Rating HOLD (■) Upside 10.7 %

- Star Cement's Q4FY22 EBITDA increased 9% YoY/68% QoQ to Rs1.1bn, broadly in line with our and consensus estimates. EBITDA/ton declined 15% YoY to Rs983 (Emkay est.- Rs1,020).
- In FY22, FCF generation stood at Rs2.1bn post working capital release of Rs1.1bn and capex of Rs2bn. The company has concluded the buyback of 8.2mn shares (2% of share capital) at a price of Rs150/sh, totalling Rs1.2bn. Net cash stood at Rs5.4bn (15% of mcap) as of Mar'22.
- We broadly maintain our FY23-24 estimates with an unchanged TP of Rs100/sh. Our DCF-based TP implies a 1-year forward EV/EBITDA of 9x. Maintain Hold.
- Revenue increased by 24% YoY/35% QoQ to Rs7.5bn. Volumes sharply rose 27% YoY/32% QoQ to 1.15mt, owing to a low base. Management has guided for volumes of 4mt, implying growth of 18% YoY in FY23. Industry volumes in North East (NE) grew by 17% YoY in FY22. Cement realization increased ~2% QoQ/declined ~2% YoY to Rs6,498. Cement prices have increased by Rs20-30/bag in West Bengal and Bihar and Rs10-15/bag in the North East region since the exit of Q4FY22.
- EBITDA increased 9% YoY/68% QoQ to Rs1.1bn, while EBITDA/ton fell 15% YoY/rose 27% QoQ to Rs983, owing to lower realization. Total cost/ton broadly remained flat YoY and QoQ, in line with our estimates. PAT increased ~4% YoY/doubled QoQ to Rs884mn.
- Project updates: 1) Management expects to receive environmental clearance for a 3mt clinker plant in Meghalaya by the end of May'22. The clinker plant, along with a 2mt grinding unit in Guwahati, is targeted to be commissioned by Dec'23. Besides, management is looking to commission another 1.5-2mt grinding unit in Assam and is likely to provide more details in coming quarters. Total capex is expected to be Rs20bn and management has guided for Rs10bn spending in FY23 and FY24 each. 2) The company has spent Rs800mn (out of Rs1.5bn) on 12MW WHRS, which is expected to be commissioned by Oct'22.
- Other con-call takeaways: 1) Trade and non-trade mix stood at 86:14. 2) Capacity utilization of the 2mt Siliguri plant was ~65% in Q4; management expects it to operate at 60-65% in FY23. 3) Sales mix between Northeast and Outside Northeast stood at 71:29 in Q4. 4) Lead distance stood at 219kms in FY22. 5) Star received a freight subsidy of Rs250mn in Apr'22. Accordingly, the outstanding freight subsidy stood at Rs120mn. 6) A&P spends stood at Rs450-500mn in FY22, and management guided it to be around Rs300-320mn in FY23.
- FY22 Performance: Volumes increased by 29% YoY to 3.4mt. EBITDA rose ~4% YoY to Rs3.5bn, while EBITDA/ton fell 19% YoY to Rs1,014. FCF generation stood at Rs2.1bn post working capital release of Rs1.1bn and capex spend of Rs2bn. It has utilized it for the buyback at a price of Rs150/sh, totaling Rs1.5bn. Net cash stood at Rs5.4bn (15% of mcap) as of Mar'22.

Please see our sector model portfolio (Emkay Alpha Portfolio): Cement & Building Materials (Page 9)

Financial Snapshot (Consolidated)

(Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
Revenue	17,199	22,218	24,281	26,236	30,158
EBITDA	3,326	3,453	3,283	3,997	4,635
EBITDA Margin (%)	19.3	15.5	13.5	15.2	15.4
APAT	2,517	2,468	1,732	2,199	2,559
EPS (Rs)	6.1	6.1	4.3	5.4	6.3
EPS (% chg)	(11.9)	0.0	(29.8)	26.9	16.4
ROE (%)	12.8	11.6	7.7	9.1	9.8
P/E (x)	14.9	14.9	21.2	16.7	14.3
EV/EBITDA (x)	10.5	9.3	9.5	7.8	6.7
P/BV (x)	1.8	1.7	1.6	1.5	1.3

Change in Estimates	
EPS Chg FY23E/FY24E (%)	(4)/(4)
Target Price change (%)	0.0
Target Period (Months)	12
Previous Reco	HOLD

Emkay vs Consensus

LFOLS	umates	
	FY23E	FY24E
Emkay	4.3	5.4
Consensus	7.0	8.1
Mean Consensus TP	(12M)	Rs 109

EDS Estimates

Stock Details

Stock Details	
Bloomberg Code	STRCEM IN
Face Value (Rs)	1
Shares outstanding (mn)	412
52 Week H/L	120 / 82
M Cap (Rs bn/USD bn)	37 / 0.48
Daily Avg Volume (nos.)	191,772
Daily Avg Turnover (US\$ mn)	0.2

Shareholding Pattern Mar '22

Promoters	67.3%
Fils	0.2%
DIIs	6.1%
Public and Others	26.3%

Price Performance (%) 1M 3M 6M 12M Absolute (4) (2) (7) (15)

(21)

Relative price chart

Rel. to Nifty



Source: Bloomberg

This report is solely produced by Emkay Global. The following person(s) are responsible for the production of the recommendation:

Dharmesh Shah

dharmesh.shah@emkayglobal.com +91 22 6612 1255

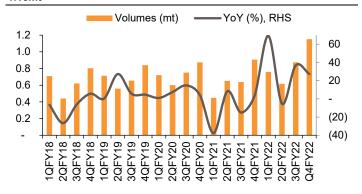
Harshal Milan Mehta

harshal.mehta@emkayglobal.com +91 22 6624 2481

Source: Company, Emragnestarcheam.emkay@whitemarquesolutions.com use and downloaded at 05/19/2022 02:11 PM

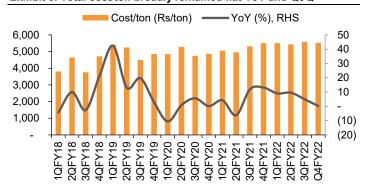
Story in Charts

Exhibit 1: Volumes grew 27% YoY/32% QoQ to an all-time-high of 1.15mt



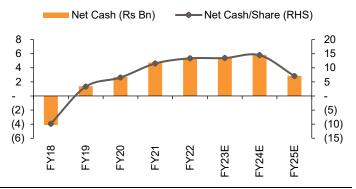
Source: Company, Emkay Research

Exhibit 3: Total cost/ton broadly remained flat YoY and QoQ



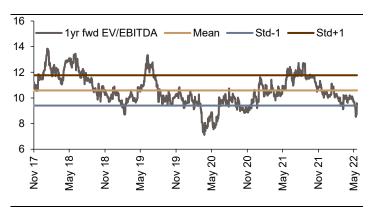
Source: Company, Emkay Research

Exhibit 5: Star's net cash status facilitates future growth



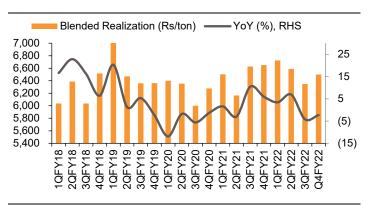
Source: Company, Emkay Research

Exhibit 7: 1-year forward EV/EBITDA



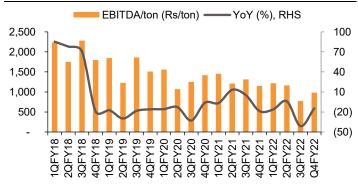
Source: Company, Emkay Research

Exhibit 2: Realization decreased ~2% YoY/increased ~2% QoQ



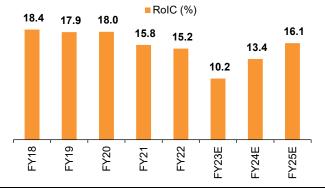
Source: Company, Emkay Research

Exhibit 4: EBITDA/ton declined 15% YoY/rose 27% QoQ to Rs983



Source: Company, Emkay Research

Exhibit 6: RoIC to gradually improve post FY23



Source: Company, Emkay Research

Exhibit 8: Maintain Hold with a TP of Rs100, based on Mar'24E EV/EBITDA, backed by DCF analysis

EV/E method, backed by DCF analysis	Rs Bn
Mar'24E EBITDA (Rs bn)	4
Implied EV/E multiple (x)	9
Enterprise Value (Rs bn)	35.6
Net cash (Mar23E, Rs bn)	5.4
Equity value (Rs bn)	41
No. of shares (mn)	404.2
Mar'23 Target Price (Rs)	100

Source: Company, Emkay Research

Quarterly Highlights

Exhibit 9: Actual vs. Estimates (Q4FY22)

(Rs mn)	Actual	Est	imates	% v	ariation	C
		Emkay	Consensus	Emkay	Consensus	Comment
Sales	7,492	7,421	7,248	1.0	3.4	In-line
EBITDA	1,134	1,174	1,155	(3.4)	(1.9)	In-line
Adj PAT	884	712	826	24.2	7.1	Led by lower than expected tax
Volume (mt)	1.15	1.15		0.26		
Cement Realization (Rs/ton)	6,498	6,450		0.7		
EBITDA (Rs/ton)	983	1,021		(3.7)		

Source: Bloomberg, Emkay Research

Exhibit 10: Quarterly financial highlights (Consolidated)

Rs mn	Q4FY21	Q1FY22	Q2FY22	Q3FY22	Q4FY22	YoY (%)	QoQ (%)	FY21	FY22	YoY (%)
Revenue	6,026	5,111	4,066	5,549	7,492	24.3	35.0	17,199	22,218	29.2
Expenditure	4,982	4,184	3,349	4,874	6,359	27.6	30.5	13,873	18,766	35.3
Total RM	1,466	1,381	668	1,550	2,137	45.8	37.9	4,032	5,736	42.3
Staff cost	361	344	422	417	411	13.8	(1.4)	1,313	1,594	21.3
Other expenditure	3,156	2,460	2,259	2,907	3,811	20.7	31.1	8,528	11,436	34.1
EBITDA	1,044	927	717	675	1,134	8.6	67.9	3,326	3,453	3.8
Depreciation	277	255	295	315	351	26.7	11.4	900	1,216	35.2
EBIT	767	672	422	360	782	2.0	117.4	2,426	2,236	(7.8)
Other Income	83	85	87	70	92	10.4	30.6	282	334	18.3
Interest	16	18	68	24	24	44.7	(1.3)	70	133	90.9
PBT	833	738	442	406	851	2.0	109.3	2,638	2,437	(7.7)
Total Tax	20	58	(24)	(32)	(34)	NA	NA	121	(31)	(125.7)
Adjusted PAT	813	680	465	438	884	8.7	101.8	2,517	2,468	(2.0)
(Profit)/loss from JV's/Ass/MI	40	-	-	-	-			-	-	
PAT after MI	853	680	465	438	884	3.7	101.8	2,517	2,468	(2.0)
Extra ordinary items	-	-	-	-	-			(646)	_	
Reported PAT	853	680	465	438	884	3.7	101.8	1,871	2,468	31.9
Adjusted EPS (Rs)	2.1	1.6	1.1	1.1	2.1	3.7	101.8	6.0	5.9	(2.0)

Margins (%)	Q4FY21	Q1FY22	Q2FY22	Q3FY22	Q4FY22	YoY (bps)	QoQ (bps)	FY21	FY22	YoY (bps)
EBIDTA	17.3	18.1	17.6	12.2	15.1	(219)	296	19.3	15.5	(380)
EBIT	12.7	13.1	10.4	6.5	10.4	(228)	396	14.1	10.1	(404)
EBT	13.8	14.4	10.9	7.3	11.4	(248)	403	15.3	11.0	(437)
PAT	13.5	13.3	11.4	7.9	11.8	(170)	390	14.6	11.1	(353)
Effective Tax rate	2.4	7.9	(5.4)	(7.9)	(4.0)			4.6	(1.3)	

Source: Company, Emkay Research

Exhibit 11: Quarterly analysis on per-ton basis

Rs/ton	Q4FY21	Q1FY22	Q2FY22	Q3FY22	Q4FY22	YoY (%)	QoQ (%)	FY21	FY22	YoY (%)
Volumes (mt)	0.91	0.76	0.62	0.87	1.15	27.3	31.9	2.65	3.40	28.7
Blended Realization	6,651	6,725	6,588	6,349	6,498	(2.3)	2.4	6,500	6,527	0.4
Raw Material	1,618	1,817	1,082	1,774	1,854	14.6	4.5	1,524	1,685	10.6
Staff cost	398	452	684	477	356	(10.5)	(25.3)	496	468	(5.7)
Other expenditure	3,483	3,237	3,661	3,326	3,305	(5.1)	(0.6)	3,223	3,360	4.2
Operating cost	5,499	5,506	5,427	5,576	5,515	0.3	(1.1)	5,243	5,513	5.1
EBITDA/ ton	1,152	1,220	1,162	772	983	(14.7)	27.3	1,257	1,014	(19.3)

Source: Company, Emkay Research

Exhibit 12: We broadly maintain our estimates

(Da)		FY23E		FY24E					
(Rs mn)	Old	New	% chg	Old	New	% chg			
Revenues	23,382	24,281	3.8	25,627	26,236	2.4			
EBITDA	3,248	3,283	1.1	3,973	3,997	0.6			
PAT	1,799	1,732	(3.7)	2,278	2,199	(3.5)			

Source: Emkay Research

Annual Analysis

Exhibit 13: Annual financial highlights

Vou Accumentions	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E	CAGR	(%)
Key Assumptions	F110	FI 19	F120	F121	F122	F123E	F124E	F123E	FY18-22	FY22-25E
Capacity (mt)	4.3	4.3	4.3	5.7	5.7	5.7	5.7	6.2	7.3	2.8
Volumes (mt)	2.6	2.7	2.9	2.6	3.4	3.6	3.9	4.3	7.2	8.4
Utilization (%)	60	63	67	46	60	63	68	70		
Blended Realization (Rs/ton)	6,243	6,747	6,389	6,500	6,523	6,725	6,791	6,960	1.1	2.2
EBITDA (Rs/ton)	2,026	1,660	1,369	1,258	1,014	910	1,035	1,070	(15.9)	1.8
P&L (Rs bn.)	•		•							
Revenue	16	18	18	17	22	24	26	30	8.3	10.7
EBITDA	5	4	4	3	3	3	4	5	(9.8)	10.3
Adj. Net Profit	3	3	3	3	2	2	2	3	(5.6)	1.2
Balance Sheet (Rs bn.)										
Equity	15	17	19	21	22	23	25	27		
Net cash	(4)	1	3	5	5	5	6	3		
Cash Flow (Rs bn)										
OCF before WC change	5	4	4	2	3	3	3	4		
Change in WC	0	3	1	1	1	(0)	(0)	(1)		
Capex	(0)	(1)	(2)	(1)	(2)	(2)	(2)	(6)		
FCF	4	6	3	2	2	(0)	0	(3)		
Return ratios (%)- post tax										
RoE	22.9	18.7	15.9	12.8	11.6	7.7	9.1	9.8		
RoCE	17.7	16.3	15.4	12.8	12.2	8.1	9.3	10.0		
RoIC	18.4	17.9	18.0	15.8	15.2	10.2	13.4	16.1		
Valuations (x)										
PE					14.9	21.2	16.7	14.3		
EV/EBITDA					9.3	9.5	7.8	6.7		
EV/ton					75	73	73	66		

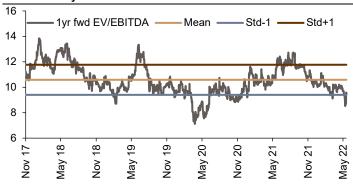
Source: Company, Emkay Research

Exhibit 14: Annual analysis on per-ton basis

Rs/ton	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Blended realization	6,243	6,747	6,389	6,500	6,523	6,725	6,791	6,960
% YoY	(0.7)	8.1	(5.3)	1.7	0.3	3.1	1.0	2.5
Raw materials consumed	1,176	1,614	1,396	1,525	1,685	1,730	1,713	1,764
Power & fuel costs	840	956	1,257	1,280	1,225	1,384	1,356	1,397
Freight costs	1,126	1,341	1,226	1,202	1,255	1,349	1,322	1,361
Staff costs	417	430	439	497	468	468	464	438
Other expenses	690	765	713	743	880	889	905	934
Operating Cost	4,249	5,107	5,031	5,247	5,513	5,820	5,760	5,894
% YoY	(11.8)	20.2	(1.5)	4.3	5.1	5.6	(1.0)	2.3
Other operating income	32	20	11	5	4	4	5	4
Blended EBITDA	2,026	1,660	1,369	1,258	1,014	910	1,035	1,070
% YoY	35.7	(18.1)	(17.5)	(8.1)	(19.4)	(10.3)	13.8	3.4

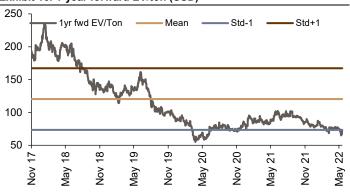
Source: Company, Emkay Research

Exhibit 15: 1-year forward EV/EBITDA



Source: Bloomberg, Emkay Research

Exhibit 16: 1-year forward EV/ton (USD)



Source: Bloomberg, Emkay Research

Key Financials (Consolidated)

Income Statement

Y/E Mar (Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
Revenue	17,199	22,218	24,281	26,236	30,158
Expenditure	13,873	18,766	20,999	22,239	25,523
EBITDA	3,326	3,453	3,283	3,997	4,635
Depreciation	900	1,216	1,309	1,350	1,431
EBIT	2,426	2,236	1,973	2,647	3,204
Other Income	282	334	352	366	288
Interest expenses	70	133	105	70	66
PBT	2,638	2,437	2,221	2,943	3,425
Tax	121	(31)	489	745	867
Extraordinary Items	(646)	0	0	0	0
Minority Int./Income from Assoc.	0	0	0	0	0
Reported Net Income	1,871	2,468	1,732	2,199	2,559
Adjusted PAT	2,517	2,468	1,732	2,199	2,559

Balance Sheet

Y/E Mar (Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
Equity share capital	412	404	404	404	404
Reserves & surplus	20,329	21,280	22,753	24,622	26,796
Net worth	20,742	21,684	23,157	25,026	27,201
Minority Interest	0	0	0	0	0
Loan Funds	153	76	76	76	76
Net deferred tax liability	0	0	0	0	0
Total Liabilities	20,895	21,761	23,233	25,102	27,277
Net block	8,203	9,180	8,628	7,534	7,882
Investment	17	1,637	1,637	1,637	637
Current Assets	16,136	15,588	17,186	18,543	18,287
Cash & bank balance	4,904	3,847	3,891	4,304	2,312
Other Current Assets	27	100	100	100	100
Current liabilities & Provision	4,727	5,690	6,763	7,307	8,400
Net current assets	11,409	9,898	10,424	11,235	9,887
Misc. exp	0	0	0	0	0
Total Assets	20,895	21,761	23,233	25,102	27,277

Cash Flow

Y/E Mar (Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
PBT (Ex-Other income) (NI+Dep)	2,356	2,103	1,869	2,577	3,138
Other Non-Cash items	0	0	0	0	0
Chg in working cap	749	527	(481)	(399)	(644)
Operating Cashflow	3,253	4,011	2,313	2,853	3,125
Capital expenditure	(1,061)	(1,973)	(2,257)	(2,407)	(5,954)
Free Cash Flow	2,192	2,037	57	447	(2,829)
Investments	(1)	(1,620)	0	0	1,000
Other Investing Cash Flow	0	0	0	0	0
Investing Cashflow	(780)	(3,260)	(1,904)	(2,040)	(4,666)
Equity Capital Raised	0	(1,237)	0	0	0
Loans Taken / (Repaid)	6	(77)	0	0	0
Dividend paid (incl tax)	0	0	(260)	(330)	(384)
Other Financing Cash Flow	(345)	(360)	0	0	0
Financing Cashflow	(408)	(1,808)	(364)	(400)	(450)
Net chg in cash	2,065	(1,057)	45	413	(1,992)
Opening cash position	2,838	4,904	3,847	3,891	4,304
Closing cash position	4,904	3,847	3,891	4,304	2,312

Source: Company, Emkay Research

Key Ratios

Profitability (%)	FY21	FY22	FY23E	FY24E	FY25E
EBITDA Margin	19.3	15.5	13.5	15.2	15.4
EBIT Margin	14.1	10.1	8.1	10.1	10.6
Effective Tax Rate	4.6	(1.3)	22.0	25.3	25.3
Net Margin	14.6	11.1	7.1	8.4	8.5
ROCE	13.4	12.0	10.3	12.5	13.3
ROE	12.8	11.6	7.7	9.1	9.8
RoIC	16.0	15.1	10.1	13.3	16.0

Per Share Data (Rs)	FY21	FY22	FY23E	FY24E	FY25E
EPS	6.1	6.1	4.3	5.4	6.3
CEPS	8.3	9.1	7.5	8.8	9.9
BVPS	50.3	53.7	57.3	61.9	67.3
DPS	0.0	0.0	0.6	0.8	0.9

Valuations (x)	FY21	FY22	FY23E	FY24E	FY25E
PER	14.9	14.9	21.2	16.7	14.3
P/CEPS	11.0	10.0	12.1	10.3	9.2
P/BV	1.8	1.7	1.6	1.5	1.3
EV / Sales	1.9	1.4	1.3	1.2	1.1
EV / EBITDA	10.5	9.3	9.5	7.8	6.7
Dividend Yield (%)	0.0	0.0	0.7	0.9	1.0

Gearing Ratio (x)	FY21	FY22	FY23E	FY24E	FY25E
Net Debt/ Equity	(0.2)	(0.2)	(0.2)	(0.2)	(0.1)
Net Debt/EBIDTA	(1.4)	(1.6)	(1.7)	(1.5)	(0.6)
Working Cap Cycle (days)	138.1	99.4	98.2	96.4	91.7

Growth (%)	FY21	FY22	FY23E	FY24E	FY25E
Revenue	(6.7)	29.2	9.3	8.0	14.9
EBITDA	(15.7)	3.8	(4.9)	21.8	16.0
EBIT	(19.5)	(7.8)	(11.7)	34.1	21.0
PAT	(34.5)	31.9	(29.8)	26.9	16.4

Quarterly (Rs mn)	Q4FY21	Q1FY22	Q2FY22	Q3FY22	Q4FY22
Revenue	6,026	5,111	4,066	5,549	7,4292
EBITDA	1,044	927	717	675	1,134
EBITDA Margin (%)	17.3	18.1	17.6	12.2	15.1
PAT	853	680	465	438	884
EPS (Rs)	2.1	1.6	1.1	1.1	2.1

Source: Company, Emkay Research

Shareholding Pattern (%)	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22
Promoters	67.1	66.2	66.9	67.1	67.3
Fils	0.1	0.1	0.1	0.2	0.2
DIIs	7.9	7.9	6.5	6.3	6.1
Public and Others	24.9	25.8	26.5	26.4	26.3

Source: Capitaline

RECOMMENDATION HISTORY TABLE

Date	Closing Price	TP	Period (months)	Rating	Analyst
16-Mar-22	94	100	12m	Hold	Dharmesh Shah
27-Jan-22	94	120	12m	Buy	Dharmesh Shah
31-Dec-21	95	130	12m	Buy	Dharmesh Shah
02-Dec-21	96	130	12m	Buy	Dharmesh Shah
02-Nov-21	100	130	12m	Buy	Dharmesh Shah
27-Oct-21	101	130	12m	Buy	Dharmesh Shah

Source: Company, Emkay Research

RECOMMENDATION HISTORY CHART



Source: Bloomberg, Company, Emkay Research



Analyst: Dharmesh Shah

Contact Details

dharmesh.shah@emkayglobal.com +91 22 6612 1255

Sector

Cement & Building Materials

Analyst bio

Dharmesh is a CA and has around 10 years of experience in equity research. His team currently covers ten stocks in cement sector.

Emkay Alpha Portfolio – Cement & Building Materials

EAP sector portfolio

Company Name	BSE200 Weight	EAP Weight	OW/UW (%)	OW/UW (bps)	EAP Weight based on Current NAV	vs last
Cement & Building Materials	2.26	2.26	0%	0	100.00	
ACC	0.20	0.22	12%	2	9.77	0
Ambuja Cements	0.28	0.30	5%	1	13.19	0
Birla Corporation	0.00	0.00	NA	0	0.00	0
Dalmia Bharat	0.12	0.06	-50%	-6	2.71	0
Grasim Industries*	0.59	0.59	0%	0	26.25	0
JK Cement	0.00	0.00	NA	0	0.00	0
Ramco Cements	0.09	0.03	-63%	-6	1.52	0
Shree Cements	0.23	0.24	5%	1	10.47	0
Star Cement	0.00	0.00	NA	0	0.00	0
Ultratech Cement	0.74	0.81	10%	7	36.08	0
Cash	0.00	0.00	NA	0	0.00	0

Source: Emkay Research

■ High Conviction/Strong Over Weight ■ High Conviction/Strong Under Weight

Sector portfolio NAV

	Base				_	Latest
	1-Apr-19	18-May-21	16-Nov-21	15-Feb-22	18-Apr-22	17-May-22
EAP - Cement & Building Materials	100.0	155.2	187.4	171.3	165.3	151.0
BSE200 Neutral Weighted Portfolio (ETF)	100.0	150.0	180.9	165.1	158.7	144.5

^{*}Performance measurement base date 1st April 2019

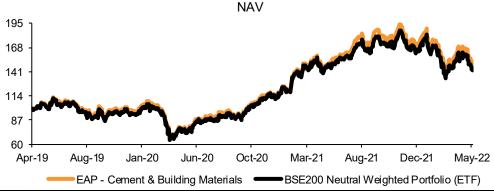
Source: Emkay Research

Price Performance (%)

	1m	3m	6m	12m
EAP - Cement & Building Materials	-8.6%	-11.8%	-19.4%	-2.7%
BSE200 Neutral Weighted Portfolio (ETF)	-8.9%	-12.5%	-20.1%	-3.7%

Source: Emkay Research

NAV chart



Source: Emkay Research

Please see our model portfolio (Emkay Alpha Portfolio): Nifty

Please see our model portfolio (Emkay Alpha Portfolio): SMID

"Emkay Alpha Portfolio – SMID and Nifty are a supporting document to the Emkay Alpha Portfolios Report and is updated on regular intervals"

Emkay Rating Distribution

Ratings	Expected Return within the next 12-18 months.
BUY	Over 15%
HOLD	Between -5% to 15%
SELL	Below -5%

Completed Date: 19 May 2022 00:44:21 (SGT) Dissemination Date: 19 May 2022 00:45:21 (SGT)

Sources for all charts and tables are Emkay Research unless otherwise specified.

GENERAL DISCLOSURE/DISCLAIMER BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Emkay Global Financial Services Limited (CIN-L67120MH1995PLC084899) and its affiliates are a full-service, brokerage, investment banking, investment management and financing group. Emkay Global Financial Services Limited (EGFSL) along with its affiliates are participants in virtually all securities trading markets in India. EGFSL was established in 1995 and is one of India's leading brokerage and distribution house. EGFSL is a corporate trading member of Bombay Stock Exchange Limited (BSE), National Stock Exchange of India Limited (NSE), MCX Stock Exchange Limited (MCX-SX). EGFSL along with its subsidiaries offers the most comprehensive avenues for investments and is engaged in the businesses including stock broking (Institutional and retail), merchant banking, commodity broking, depository participant, portfolio management, insurance broking and services rendered in connection with distribution of primary market issues and financial products like mutual funds, fixed deposits. Details of associates are available on our website i.e. www.emkavolobal.com

EGFSL is registered as Research Analyst with SEBI bearing registration Number INH000000354 as per SEBI (Research Analysts) Regulations, 2014. EGFSL hereby declares that it has not defaulted with any stock exchange nor its activities were suspended by any stock exchange with whom it is registered in last five years, except that NSE had disabled EGFSL from trading on October 05, October 08 and October 09, 2012 for a manifest error resulting into a bonafide erroneous trade on October 05, 2012. However, SEBI and Stock Exchanges have conducted the routine inspection and based on their observations have issued advice letters or levied minor penalty on EGFSL for certain operational deviations in ordinary/routine course of business. EGFSL has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has its certificate of registration been cancelled by SEBI at any point of time.

EGFSL offers research services to clients as well as prospects. The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

Other disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report

EGFSL and/or its affiliates may seek investment banking or other business from the company or companies that are the subject of this material. Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that may be inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest including but not limited to those stated herein. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein. This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would subject EGFSL or its group companies to any registration or licensing requirement within such jurisdiction. Specifically, this document does not constitute an offer to or solicitation to any U.S. person for the purchase or sale of any financial instrument or as an official confirmation of any transaction to any U.S. person. Unless otherwise stated, this message should not be construed as official confirmation of any transaction. No part of this document may be used by private customers in United Kingdom. All material presented in this report, unless specifically indicated otherwise, is under copyright to Emkay. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of EGFSL. All trademarks, service marks and logos used in this report are trademarks or registered trademarks of EGFSL or its Group Companies. The information contained herein is not intended for publication or distribution or circulation in any manner whatsoever and any unauthorized reading, dissemination, distribution or copying of this communication is prohibited unless otherwise expressly authorized. Please ensure that you have read "Risk Disclosure Document for Capital Market and Derivatives Segments" as prescribed by Securities and Exchange Board of India before investing in Indian Securities Market. In so far as this report includes current or historic information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

- This publication has not been reviewed or authorized by any regulatory authority. There is no planned schedule or frequency for updating research publication relating to any issuer.
- Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets

Disclaimer for U.S. persons only: This research report is a product of Emkay Global Financial Services Limited (Emkay), which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of Financial Institutions Regulatory Authority (FINRA) or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account. This report is intended for distribution to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on the sender. Further, this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor. In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors.

ANALYST CERTIFICATION BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL)

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible of the content of this research report, in part or in whole, certifies that he or his associate does not serve as an officer, director or employee of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant). The research analyst(s) primarily responsible for the content of this research report or his associate does not have financial interests in relation to an issuer or a new listing applicant that the analyst reviews. EGFSL has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the EGFSL and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of EGFSL compensation to any specific investment banking function of the EGFSL.

¹ An associate is defined as (i) the spouse, or any minor child (natural or adopted) or minor step-child, of the analyst; (ii) the trustee of a trust of which the analyst, his spouse, minor child (natural or adopted) or minor step-child, is a beneficiary or discretionary object; or (iii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report-:

- 1. EGFSL, its subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of May 18, 2022
- 2. EGFSL, and/or Research Analyst does not market make in equity securities of the issuer(s) or company(ies) mentioned in this Research Report Disclosure of previous investment recommendation produced:
- 3. EGFSL may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by EGFSL in the preceding 12 months.
- 4. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have any material conflict of interest in the securities recommended in this report as of May 18, 2022.
- 5. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the May 18, 2022
- 6. EGFSL, its subsidiaries and/or other affiliates and Research Analyst have not received any compensation in whatever form including compensation for investment banking or merchant banking or brokerage services or for products or services other than investment banking or merchant banking or brokerage services from securities recommended in this report (subject company) in the past 12 months.
- 7. EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst have not received any compensation or other benefits from securities recommended in this report (subject company) or third party in connection with the research report.
- 8. Securities recommended in this report (Subject Company) has not been client of EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst during twelve months preceding the May 18, 2022

² Financial interest is defined as interest that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at the arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.

RESTRICTIONS ON DISTRIBUTION

12011110110110	70 11420 11014
General	This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation.
Australia	This report is not for distribution into Australia.
Hong Kong	This report is not for distribution into Hong Kong.
Indonesia	This report is being distributed in Indonesia by PT DBS Vickers Sekuritas Indonesia.
Malaysia	This report is not for distribution into Malaysia.
Singapore	This report is distributed in Singapore by DBS Bank Ltd (Company Regn. No. 16800306E) or DBSVS (Company Regn. No. 1860024G) both of which are Exempt Financial Advisers as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. DBS Bank Ltd and/or DBSVS, may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an agreement under Regulation 32C of the financial Advisers Regulations. Singapore recipients should contact DBS Bank Ltd at 6327 2288 for matters arising from, or in connection with the report.
Thailand	This report is being distributed in Thailand by DBS Vickers Securities (Thailand) Co Ltd.
	This report is disseminated in the United Kingdom by DBS Vickers Securities (UK) Ltd, ("DBSVUK"). DBSVUK is authorised and regulated by the Financial Conduct Authority in the United Kingdom.
United Kingdom	In respect of the United Kingdom, this report is solely intended for the clients of DBSVUK, its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBSVUK. This communication is directed at persons having professional experience in matters relating to investments. Any investment activity following from this communication will only be engaged in with such persons. Persons who do not have professional experience in matters relating to investments should not rely on this communication.
Dubai International Financial Centre	This research report is being distributed by DBS Bank Ltd., (DIFC Branch) having its office at units 608-610, 6th Floor, Gate Precinct Building 5, PO Box 506538, Dubai International Financial Centre (DIFC), Dubai, United Arab Emirates. DBS Bank Ltd., (DIFC Branch) is regulated by The Dubai Financial Services Authority. This research report is intended only for professional clients (as defined in the DFSA rulebook) and no other person may act upon it.
United Arab Emirates	This report is provided by DBS Bank Ltd (Company Regn. No. 196800306E) which is an Exempt Financial Adviser as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. This report is for information purposes only and should not be relied upon or acted on by the recipient or considered as a solicitation or inducement to buy or sell any financial product. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situation, or needs of individual clients. You should contact your relationship manager or investment adviser if you need advice on the merits of buying, selling or holding a particular investment. You should note that the information in this report may be out of date and it is not represented or warranted to be accurate, timely or complete. This report or any portion thereof may not be reprinted, sold or redistributed without our written consent.
United States	DBSVUSA did not participate in its preparation. The research analyst(s) named on this report are not registered as research analysts with FINRA and are not associated persons of DBSVUSA. The research analyst(s) are not subject to FINRA Rule 2241 restrictions on analyst compensation, communications with a subject company, public appearances and trading securities held by a research analyst. This report is being distributed in the United States by DBSVUSA, which accepts responsibility for its contents. This report may only be distributed to Major U.S. Institutional Investors (as defined in SEC Rule 15a-6) and to such other institutional investors and qualified persons as DBSVUSA may authorize. Any U.S. person receiving this report who wishes to effect transactions in any securities referred to herein should contact DBSVUSA directly and not its affiliate.
Other jurisdictions	In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.

Emkay Global Financial Services Ltd.

CIN - L67120MH1995PLC084899

7th Floor, The Ruby, Senapati Bapat Marg, Dadar - West, Mumbai - 400028. India Tel: +91 22 66121212 Fax: +91 22 66121299 Web: www.emkayglobal.com