

BUY TP: Rs 146 | ▲ 17%

STAR CEMENT

Cement

25 May 2023

Moving in the right direction

- Q4 volume gains steady at 7% YoY; realisation gains at 3%, indicating healthy demand in key areas
- Cost inflation well controlled with overall cost softening 4-5%; expect more benefits from alternate fuel and lower coal expenses
- We tweak EPS estimates and revise our TP to Rs 146 (from Rs 138);
 maintain BUY

Milind Raginwar | Yash Thakur research@bobcaps.in

Realisations steady despite healthy volume growth: STRCEM's revenue grew by 10%/33% YoY/QoQ to Rs 8.3bn in Q4FY23 as volumes increased by 7%/36% YoY/QoQ to 1.2mn tonnes. Despite the volume gains, realisations grew by 3% YoY to Rs 6,680/t. Sales in the northeast market formed 74% of the company's total in Q4 vs. 70% in Q4FY22, helping steady realisations YoY and QoQ.

Overall cost declines: Overall cost declined by 4%/5% YoY/QoQ to Rs 5,335/t. Energy cost increased 16% YoY but declined 24% QoQ to Rs 1,335/t due to lower power cost from WHRS contribution. Raw material cost (adj. for inventory) fell by 11% YoY (+33% QoQ) to Rs 1,593/t, and logistics cost softened 20%/9% YoY/QoQ to Rs 1,137/t as STRCEM operated its own fleet. Other expenditure grew by 18%/38% YoY/QoQ to Rs 1.1bn due to higher packing cost, CSR, and employee expense regrouping.

Margin expansion: EBITDA increased 47%/53% YoY/QoQ to Rs 1.7bn and EBITDA margin rose to 20.1% from 15.1% in Q4FY22 (17.5% in Q3FY23). EBITDA/t expanded to Rs 1,346 vs. Rs 986 in Q4FY22 (Rs 1,194 in Q3FY23). Despite higher EBITDA, adj. PAT grew only 9% YoY (+82% QoQ) to Rs 961mn as tax expenses moved up due to the end of the sunset clause extended to the Guwahati unit and to subsidiary Star Cement Meghalaya

Capacity expansion plans: The grinding unit in Guwahati is due to be commissioned by Nov'23 and that in Silchar by H1FY25. The Meghalaya clinker plant (3mt) is scheduled by Jan'24.

Maintain BUY: We continue to prefer STRCEM in the cement sector for its strong presence in the remunerative northeastern market, balance sheet health despite being in capex mode and plans to derisk revenue. High demand in the core region owing to a government-led infrastructure focus is likely to trigger healthy realisations, aiding better ROE/ROCE (13-14% in FY25E). We tweak estimates and maintain BUY with a revised TP of Rs 146 (vs. Rs 138), ascribing an unchanged 8x FY25E EV/EBITDA multiple to the stock (Rs 6.7bn/mt replacement cost).

Key changes

•	•		
	Target	Rating	
	A	∢ ▶	

Ticker/Price	STRCEM IN/Rs 125
Market cap	US\$ 636.4mn
Free float	33%
3M ADV	US\$ 0.5mn
52wk high/low	Rs 132/Rs 81
Promoter/FPI/DII	67%/1%/6%

Source: NSE | Price as of 24 May 2023

Key financials

Y/E 31 Mar	FY23P	FY24E	FY25E
Total revenue (Rs mn)	27,048	32,869	39,868
EBITDA (Rs mn)	5,205	5,405	7,043
Adj. net profit (Rs mn)	2,477	2,588	3,680
Adj. EPS (Rs)	5.9	6.2	8.8
Consensus EPS (Rs)	5.9	6.4	7.6
Adj. ROAE (%)	10.8	10.3	13.2
Adj. P/E (x)	21.1	20.2	14.2
EV/EBITDA (x)	9.5	10.2	7.2
Adj. EPS growth (%)	0.4	4.5	42.2

Source: Company, Bloomberg, BOBCAPS Research | P - Provisional

Stock performance



Source: NSE





Fig 1 - Earnings call highlights

Parameter	Q4FY23	Q3FY23	Our view	
Volume and Realisation	Volumes for FY23 stood at 4mt, and management expects 12-13% volume growth for FY24. Capacity utilisation was ~73% at the Siliguri (West Bengal) plant.	STRCEM has a volume target of 4mt or more for FY23 and anticipates double-digit volume growth for FY24. Prices were raised by Rs 10/bag in mid-December	Volume gains will flow from incremental capacity addition and healthy demand given a government focus on infrastructure development in	
	Trade share stood at ~87%. Premium product sales formed 4% of the mix, and STRCEM plans to launch a new brand by Q1FY24-end. Volume contribution from the northeast was at 74% in Q4FY23 vs. 70% in Q4FY22.	(with no other hikes in Q3) and will thus reflect in Q4FY23. Capacity utilisation stood at ~55% at Siliguri plant. Management expects improvement to 65% in Q4FY23. Trade share stood at 92% Premium product sales formed 4.5% of the mix.	the northeast region. The shift towards other noncore markets is a positive step to enhance growth and derisk earnings.	
Margins	Blended fuel cost stood at Rs 2.1/kcal in Q4FY23. With reduction in coal price, management expects blended cost of Rs 1.9/kcal in Q1FY24 and full benefits to reflect from Q2FY24.	Blended fuel cost was stable QoQ at Rs 2.1/kcal, and the company expects a 10% reduction in Q4 after commissioning of the waste heat recovery system (WHRS).	Linkage coal remains at 5% but non-availability from Coal India implies the need to opt for alternate fuel sources.	
	Nagaland coal formed ~25% of the fuel mix, auction coal 45-47%, alternate fuel and raw material 25% (15% biomass).	Nagaland coal formed ~25%, linkage coal 5-6%, imported/auction coal 50% and biomass 20%.		
Capacity	The next phase of expansion is to be announced in Q2FY24 which will be in regions outside the northeast. The long-term goal (5-10 years) is to reach capacity of 20mt.	The grinding unit in Guwahati is scheduled to be commissioned by Oct-Nov'23, the clinker plant by Jan'24, and grinding unit in Silchar by Aug'24.	Capacity expansion plans are on track. Exploring new plans reveals strong management confidence that the existing capacity will deliver on expectations.	
Capex	Capex incurred till date was Rs 4.3bn for expansion projects.	Total capex of Rs 21bn is envisaged for capacity expansion. Rs 2bn was incurred in Q3 with	Balance sheet health has been maintained despite	
	For FY24 and FY25, the outlay is guided at Rs 13bn and Rs 4bn respectively.	~Rs 3bn guided for Q4FY23. FY24 will be capexheavy at ~Rs 11.5bn (Rs 5bn in FY25).	capex mode.	
Other key points	Peak debt is guided to remain below Rs 5bn, and STRCEM aims to become debt-free by Mar'25.	STRCEM operates at zero gross debt. Net cash is at ~Rs 5.5bn against ~Rs 7.5bn in Q2FY23	The company is strategically moving in the right direction to	
	The WHRS was commissioned in Q4FY23 but full utilisation is expected from May'23 onwards, with expected benefits of Rs 400mn for FY24. Subsidy incentive for FY23 was Rs 1.25bn; management does not anticipate any major subsidy in FY24 (Rs 0.26bn-0.27bn). Once the grinding and clinker units are commissioned, subsidy benefits of Rs 1.5bn-1.6bn would accrue.	The WHRS is due to come online in Feb'23, with savings guided at Rs 450mn-480mn p.a.	improve operational efficiencies without adding further debt on the books.	

Source: Company, BOBCAPS Research | WHRS: Waste Heat Recovery System



Fig 2 - Key metrics

(Rs)	Q4FY23	Q4FY22	YoY (%)	Q3FY23	QoQ (%)
Volumes (mn mt)	1.2	1.2	7.4	0.9	36.0
Cement realisations (Rs/mt)	6,680	6,515	2.5	6,823	(2.1)
Operating costs (Rs/mt)	5,335	5,529	(3.5)	5,629	(5.2)
EBITDA (Rs/mt)	1,346	986	36.5	1,194	12.7

Source: Company, BOBCAPS Research

Fig 3 - Quarterly performance

(Rs mn)	Q4FY23	Q4FY22	YoY (%)	Q3FY23	QoQ (%)
Net Sales	8,250	7,492	10.1	6,195	33.2
Expenditure					
Change in stock	99	270	(63.1)	(349)	(128.4)
Raw material	1,868	1,795	4.1	1,440	29.7
purchased products	0	0	-	0	-
Power & fuel	1,649	1,329	24.0	1,603	2.9
Freight	1,405	1,629	(13.8)	1,139	23.3
Employee costs	476	411	15.7	486	(2.2)
Other expenses	1,092	925	18.1	793	37.8
Total Operating Expenses	6,589	6,359	3.6	5,111	28.9
EBITDA	1,662	1,134	46.6	1,084	53.3
EBITDA margin (%)	20.1	15.1	501bps	17.5	264bps
Other Income	127	92	38.6	117	8.6
Interest	12	24	(50.1)	33	(64.4)
Depreciation	351	351	(0.2)	341	2.9
PBT	1,427	851	67.8	828	72.4
Non-recurring items	-	-		-	
PBT (after non-recurring items)	1,427	851	67.8	828	72.4
Tax	466	(34)	(1,483.3)	299	55.8
Tax Rate (%)	32.6	(4.0)	-	36.1	-
Reported PAT	961	884	8.7	529	81.8
Adjusted PAT	961	884	8.7	529	81.8
NPM (%)	11.7	11.8	(15bps)	8.5	312bps
Adjusted EPS (Rs)	2.4	2.2	8.7	1.3	81.8

Source: Company, BOBCAPS Research



Fig 4 - Healthy volume gains to continue

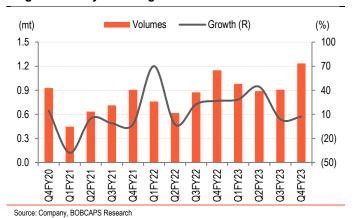
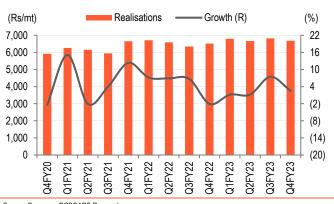


Fig 5 - Realisations up 3% YoY



Source: Company, BOBCAPS Research

Fig 6 - Improvement in EBITDA/tonne

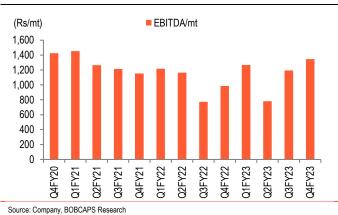
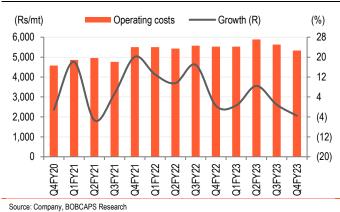


Fig 7 - Overall cost structure softening



Source: Company, BOBCAPS Researc

Fig 8 - Freight cost moving down after hitting a peak

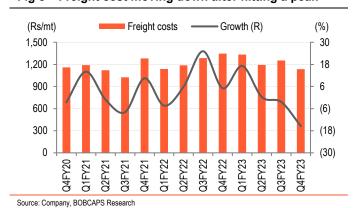
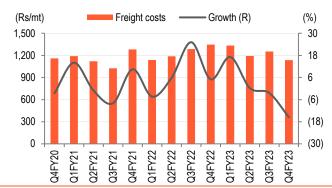


Fig 9 – Fuel cost savings to fully reflect from Q2FY24



Source: Company, BOBCAPS Research



Valuation methodology

We continue to prefer STRCEM in the cement sector for its strong presence in the remunerative northeastern market, balance sheet health despite being in capex mode and plans to derisk revenue. High demand in the core region owing to a government-led infrastructure focus is likely to support healthy realisations, aiding better ROE/ROCE (13-14% in FY25E). With the industry cost structure staying elevated, we believe competitors will find it difficult to tap the far-flung northeast market without a base in the region, offering stronger earnings visibility for STRCEM. Geographical diversification by way of entry into West Bengal and the eastern regions will further derisk earnings.

We tweak estimates and maintain BUY with a revised TP of Rs 146 (vs. Rs 138), ascribing an unchanged 8x FY25E EV/EBITDA multiple to the stock (Rs 6.7bn/mt replacement cost).

Fig 10 - Revised estimates

(Rs mn)	Nev	1	Old		Change (%)		
(Ka IIII)	FY24E	FY25E	FY24E	FY25E	FY24E	FY25E	
Revenue	32,869	39,868	32,869	39,868	0.0	0.0	
EBITDA	5,405	7,043	5,405	7,010	0.0	0.5	
Adj PAT	2,588	3,680	2,606	3,595	(0.7)	2.4	
Adj EPS	6.2	8.8	6.2	8.6	0.0	2.3	

Source: BOBCAPS Research

Fig 11 - Key assumptions

Parameter	FY22	FY23	FY24E	FY25E
Volumes (mt)	3.3	4.0	4.6	5.6
Realisations (Rs/mt)	6,015	6,739	6,970	6,970
Operating costs (Rs/mt)	5,694	5,572	6,031	5,908
EBITDA/mt (Rs)	1,048	1,167	1,177	1,259

Source: Company, BOBCAPS Research

Fig 12 - Valuation summary

(Rs mn)	FY25E
Target EV/EBITDA (x)	8
EBITDA	7,043
Target EV	57,404
Total EV	57,404
Net debt	(1,535)
Target market capitalisation	58,939
Target price (Rs/sh)	146
Weighted average shares (mn)	404

Source: BOBCAPS Research



Fig 13 - Peer comparison

Tieken Detien TP		EV/EBITDA (x)		EV/tonne (US\$)		ROE (%)			ROCE (%)					
Ticker Rating (Rs)	(Rs)	FY23	FY24E	FY25E	FY23	FY24E	FY25E	FY23	FY24E	FY25E	FY23	FY24E	FY25E	
STRCEM IN	BUY	146	9.5	10.2	7.2	110	123	113	10.8	10.3	13.2	16.8	14.8	18.1
ORCMNT IN	HOLD	140	7.5	5.6	4.3	42	40	39	7.8	10.5	14.6	10.6	14.1	19.0
JKLC IN	SELL	551	12.4	10.9	9.8	87	86	94	12.7	13.6	14.6	16.8	17.7	17.4

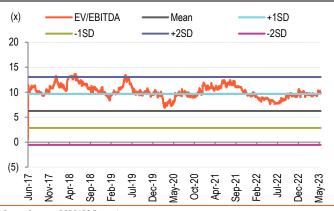
Source: BOBCAPS Research

Fig 14 - EV/EBITDA 1Y fwd: Trading at a discount



Source: Company, BOBCAPS Research

Fig 15 - EV/EBITDA SD band



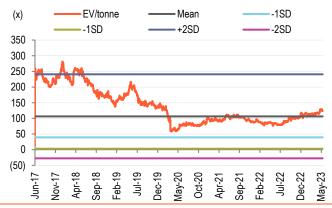
Source: Company, BOBCAPS Research

Fig 16 - EV/t



Source: Company, BOBCAPS Research

Fig 17 - EV/t SD band



Source: Company, BOBCAPS Research

Key risks

Key downside risks to our estimates are:

- Unexpected demand tapering in the key North-east region
- Increasing competitive intensity in the key area of operations
- Continued concerns of coal availability and cost inflation



Sector recommendation snapshot

Company	Ticker	Market Cap (US\$ bn)	Price (Rs)	Target (Rs)	Rating
ACC	ACC IN	4.1	1,780	1,964	HOLD
Ambuja Cements	ACEM IN	10.2	422	375	HOLD
Dalmia Bharat	DALBHARA IN	4.6	2,049	1,917	HOLD
JK Cement	JKCE IN	2.8	2,942	3,371	BUY
JK Lakshmi Cement	JKLC IN	1.0	699	551	SELL
Orient Cement	ORCMNT IN	0.3	124	140	HOLD
Shree Cement	SRCM IN	10.5	23,991	24,656	HOLD
Star Cement	STRCEM IN	0.6	125	146	BUY
The Ramco Cements	TRCL IN	2.5	883	585	SELL
Ultratech Cement	UTCEM IN	26.9	7,654	8,678	BUY

Source: BOBCAPS Research, NSE | Price as of 24 May 2023



Financials

Income Statement Y/E 31 Mar (Rs mn)	FY21A	FY22A	FY23P	FY24E	FY25E
Total revenue	17,186	22,187	27,048	32,869	39,868
EBITDA	3,326	3,453	5,205	5,405	7.043
Depreciation	(900)	(1,216)	(1,311)	(1,480)	(1,587)
EBIT	2,708	2,570	3,894	4,131	5,608
Net interest inc./(exp.)	(70)	(133)	(97)	(343)	(215)
Other inc./(exp.)	282	334	0	206	152
Exceptional items	(646)	0	0	0	132
EBT	1,993	2,437	3,797	3,788	5,393
Income taxes	(120)	31	(1,320)	(1,200)	(1,713)
Extraordinary items	(120)	0	(1,320)	(1,200)	(1,713)
Min. int./Inc. from assoc.	0	0	0	0	0
			2,477	2,588	
Reported net profit	1,872 646	2,468 0	2,411	2,300	3,680
Adjustments Adjusted net profit	2,518	2,468	2,477	2,588	3,680
Aujusteu net pront	2,310	2,400	2,411	2,300	3,000
Balance Sheet					
Y/E 31 Mar (Rs mn)	FY21A	FY22A	FY23P	FY24E	FY25E
Accounts payables	985	1,146	2,145	2,788	3,332
Other current liabilities	3,643	4,501	4,555	5,093	5,857
Provisions	99	66	97	80	88
Debt funds	153	54	411	5,057	1,157
Other liabilities	0	0	0	0	0
Equity capital	412	404	404	404	404
Reserves & surplus	20,329	21,280	23,760	25,891	29,111
Shareholders' fund	20,741	21,684	24,164	26,295	29,515
Total liab. and equities	25,621	27,451	31,371	39,312	39,948
Cash and cash eq.	4,717	3,847	3,117	2,330	2,692
Accounts receivables	1,317	1,287	1,047	1,936	2,348
Inventories	2,347	1,953	3,741	2,882	3,277
Other current assets	4,189	4,863	2,764	5,150	5,202
Investments	17	1,637	1,725	1,637	1,637
Net fixed assets	8,219	9,225	8,336	19,094	19,588
CWIP	1,266	1,091	7,738	3,091	1,691
Intangible assets	10	10	12	14	17
Deferred tax assets, net	3,539	3,539	2,890	3,179	3,497
Other assets	0	0	0	0	0
Total assets	25,622	27,451	31,371	39,312	39,948
Cash Flows					
Y/E 31 Mar (Rs mn)	FY21A	FY22A	FY23P	FY24E	FY25E
Cash flow from operations	3,455	4,333	6,072	2,527	5,406
Capital expenditures	(1,173)	(1,959)	(7,071)	(7,593)	(683)
Change in investments	(1,173)	(1,620)	(89)	89	(000)
Other investing cash flows	0	0	0	0	0
Cash flow from investing	(1,174)	(3,579)	(7,160)	(7,505)	(683)
-	20	420	422	0	(003)
Equities issued/Others Debt raised/repaid	20	(99)	357	4,647	(3,900)
·					,
Interest expenses Dividends paid	(410)	7 (410)	(410)	(410)	(410)
	(419)	(419)	(419)	(419)	(419)
Other financing cash flows	(3)	(1,525)	- 250	(37)	(41)
Cash flow from financing	(383)	(1,624)	359	4,190	(4,360)
Chg in cash & cash eq.	1,897	(870)	(729)	(788)	363
Closing cash & cash eq.	4,717	3,847	3,118	2,330	2,692

Per Share					
Y/E 31 Mar (Rs)	FY21A	FY22A	FY23P	FY24E	FY25E
Reported EPS	4.5	5.9	5.9	6.2	8.8
Adjusted EPS	6.0	5.9	5.9	6.2	8.8
Dividend per share	1.0	1.0	1.0	1.0	1.0
Book value per share	49.5	51.7	57.6	62.7	70.4
Valuations Ratios					
Y/E 31 Mar (x)	FY21A	FY22A	FY23P	FY24E	FY25E
EV/Sales	2.8	2.2	1.8	1.7	1.3
EV/EBITDA	14.4	14.0	9.5	10.2	7.2
Adjusted P/E	20.8	21.2	21.1	20.2	14.2
P/BV	2.5	2.4	2.2	2.0	1.8
DuPont Analysis					
Y/E 31 Mar (%)	FY21A	FY22A	FY23P	FY24E	FY25E
Tax burden (Net profit/PBT)	94.0	101.3	65.2	68.3	68.2
Interest burden (PBT/EBIT)	97.4	94.8	97.5	91.7	96.2
EBIT margin (EBIT/Revenue)	15.8	11.6	14.4	12.6	14.1
Asset turnover (Rev./Avg TA)	69.9	83.6	92.0	93.0	100.6
Leverage (Avg TA/Avg Equity)	1.2	1.3	1.3	1.4	1.4
Adjusted ROAE	12.4	11.6	10.8	10.3	13.2
Ratio Analysis					
Y/E 31 Mar	FY21A	FY22A	FY23P	FY24E	FY25E
YoY growth (%)		1 1227	1 1201	1 12-12	1 1202
Revenue	(6.6)	29.1	21.9	21.5	21.3
EBITDA	(15.8)	3.8	50.8	3.8	30.3
Adjusted EPS	(11.8)	(2.0)	0.4	4.5	42.2
Profitability & Return ratios (%)	(1110)	(2.0)	· · ·	0	
EBITDA margin	19.3	15.5	18.9	16.4	17.6
EBIT margin	15.7	11.6	14.1	12.6	14.1
Adjusted profit margin	14.7	11.1	9.2	7.9	9.2
Adjusted ROAE	12.4	11.6	10.8	10.3	13.2
ROCE	13.4	12.1	16.8	14.8	18.1
Working capital days (days)	.•				
Receivables	28	21	14	22	22
Inventory	50	32	50	32	30
Payables	26	22	35	37	37
Ratios (x)					•
Gross asset turnover	1.2	1.4	1.7	1.1	1.3

Source: Company, BOBCAPS Research | Note: TA = Total Assets

2.7

38.8

0.0

2.1

19.3

0.0

1.6

40.2

0.0

1.5

12.0

0.2

1.5

26.1

0.0

Current ratio

Net interest coverage ratio

Adjusted debt/equity



NOT FOR DISTRIBUTION, DIRECTLY OR INDIRECTLY, IN OR INTO THE UNITED STATES OF AMERICA ("US") OR IN OR INTO ANY OTHER JURISDICTION IF SUCH AN ACTION IS PROHIBITED BY APPLICABLE LAW.

Disclaimer

Name of the Research Entity: BOB Capital Markets Limited

Registered office Address: 1704, B Wing, Parinee Crescenzo, G Block, BKC, Bandra East, Mumbai 400051

SEBI Research Analyst Registration No: INH000000040 valid till 03 February 2025

Brand Name: BOBCAPS

Trade Name: www.barodaetrade.com CIN: U65999MH1996GOI098009





Investments in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Recommendation scale: Recommendations and Absolute returns (%) over 12 months

BUY - Expected return >+15%

HOLD - Expected return from -6% to +15%

SELL - Expected return <-6%

Note: Recommendation structure changed with effect from 21 June 2021

Our recommendation scale does not factor in short-term stock price volatility related to market fluctuations. Thus, our recommendations may not always be strictly in line with the recommendation scale as shown above.

Ratings and Target Price (3-year history): STAR CEMENT (STRCEM IN)



B - Buy, H - Hold, S - Sell, A - Add, R - Reduce

Analyst certification

The research analyst(s) authoring this report hereby certifies that (1) all of the views expressed in this research report accurately reflect his/her personal views about the subject company or companies and its or their securities, and (2) no part of his/her compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) in this report. Analysts are not registered as research analysts by FINRA and are not associated persons of BOB Capital Markets Limited (BOBCAPS).

General disclaimers

BOBCAPS is engaged in the business of Stock Broking and Investment Banking. BOBCAPS is a member of the National Stock Exchange of India Limited and BSE Limited and is also a SEBI-registered Category I Merchant Banker. BOBCAPS is a wholly owned subsidiary of Bank of Baroda which has its various subsidiaries engaged in the businesses of stock broking, lending, asset management, life insurance, health insurance and wealth management, among others.

BOBCAPS's activities have neither been suspended nor has it defaulted with any stock exchange authority with whom it has been registered in the last five years. BOBCAPS has not been debarred from doing business by any stock exchange or SEBI or any other authority. No disciplinary action has been taken by any regulatory authority against BOBCAPS affecting its equity research analysis activities.

BOBCAPS is also a SEBI-registered intermediary for the broking business having SEBI Single Registration Certificate No.: INZ000159332 dated 20 November 2017.

BOBCAPS prohibits its analysts, persons reporting to analysts, and members of their households from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. Additionally, BOBCAPS prohibits its analysts and persons reporting to analysts from serving as an officer, director, or advisory board member of any companies that the analysts cover.

Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are 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. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein.

This material should not be construed as an offer to sell or the solicitation of an offer to buy any security in any jurisdiction. We are not soliciting any action based on this material. It is for the general information of BOBCAPS's clients. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Before acting on any advice or recommendation in this material, clients should consider whether it is suitable for their particular circumstances and, if necessary, seek professional advice. BOBCAPS research reports follow rules laid down by Securities and Exchange Board of India and individuals employed as research analysts are separate from other employees who are performing sales trading, dealing, corporate finance advisory and the research reports. or any other activity that may affect the independence of its research reports.

STAR CEMENT



The price and value of the investments referred to in this material and the income from them may go down as well as up, and investors may realize losses on any investments. Past performance is not a guide for future performance, future returns are not guaranteed and a loss of original capital may occur. BOBCAPS does not provide tax advice to its clients, and all investors are strongly advised to consult with their tax advisers regarding any potential investment in certain transactions — including those involving futures, options, and other derivatives as well as non-investment-grade securities — that give rise to substantial risk and are not suitable for all investors. The material is based on information that we consider reliable, but we do not represent that it is accurate or complete, and it should not be relied on as such. Opinions expressed are our current opinions as of the date appearing on this material only. We endeavour to update on a reasonable basis the information discussed in this material, but regulatory, compliance, or other reasons may prevent us from doing so.

We and our affiliates, officers, directors, and employees, including persons involved in the preparation or issuance of this material, may from time to time have "long" or "short" positions in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein and may from time to time add to or dispose of any such securities (or investment). We and our affiliates may assume an underwriting commitment in the securities of companies discussed in the document (or in related investments), may sell them to or buy them from customers on a principal basis, and may also perform or seek to perform investment banking or advisory services for or relating to these companies and may also be represented in the supervisory board or any other committee of these companies.

For the purpose of calculating whether BOBCAPS and its affiliates hold, beneficially own, or control, including the right to vote for directors, one per cent or more of the equity shares of the subject company, the holdings of the issuer of the research report is also included.

BOBCAPS and its non-US affiliates may, to the extent permissible under applicable laws, have acted on or used this research to the extent that it relates to non-US issuers, prior to or immediately following its publication. Foreign currency denominated securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of or income derived from the investment. In addition, investors in securities such as ADRs, the value of which are influenced by foreign currencies, effectively assume currency risk. In addition, options involve risks and are not suitable for all investors. Please ensure that you have read and understood the Risk disclosure document before entering into any derivative transactions.

No part of this material may be (1) copied, photocopied, or duplicated in any form by any means or (2) redistributed without BOBCAPS's prior written consent.

Company-specific disclosures under SEBI (Research Analysts) Regulations, 2014

The research analyst(s) or his/her relatives do not have any material conflict of interest at the time of publication of this research report.

BOBCAPS or its research analyst(s) or his/her relatives do not have any financial interest in the subject company. BOBCAPS or its research analyst(s) or his/her relatives do not have actual/beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

The research analyst(s) has not received any compensation from the subject company or third party in the past 12 months in connection with research report/activities. Compensation of the research analyst(s) is not based on any specific merchant banking, investment banking or brokerage service transactions.

BOBCAPS or its research analyst(s) is not engaged in any market making activities for the subject company.

The research analyst(s) has not served as an officer, director or employee of the subject company.

BOBCAPS or its associates may have material conflict of interest at the time of publication of this research report.

BOBCAPS's associates may have financial interest in the subject company. BOBCAPS's associates may hold actual / beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

BOBCAPS or its associates may have managed or co-managed a public offering of securities for the subject company or may have been mandated by the subject company for any other assignment in the past 12 months.

BOBCAPS may have received compensation from the subject company in the past 12 months. BOBCAPS may from time to time solicit or perform investment banking services for the subject company. BOBCAPS or its associates may have received compensation from the subject company in the past 12 months for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory services in a merger or specific transaction. BOBCAPS or its associates may have received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months.

Other disclaimers

BOBCAPS and MAYBANK (as defined below) make no representation or warranty, express or implied, as to the accuracy or completeness of any information obtained from third parties and expressly disclaim the merchantability, suitability, quality and fitness of this report. The information in this report has not been independently verified, is provided on an "as is" basis, should not be relied on by you in connection with any contract or commitment, and should not be used as a substitute for enquiries, procedures and advice which ought to be undertaken by you. This report also does not constitute an offer or solicitation to buy or sell any securities referred to herein and you should not construct this report as investment advice. All opinions and estimates contained in this report constitute BOBCAPS's judgment as of the date of this report and are subject to change without notice, and there is no obligation on BOBCAPS or MAYBANK to update this report upon issuance. This report and the information contained herein may not be reproduced, redistributed, disseminated or copied by any means without the prior consent of BOBCAPS and MAYBANK.

To the full extent permitted by law neither BOBCAPS, MAYBANK nor any of their respective affiliates, nor any other person, accepts any liability howsoever arising, whether in contract, tort, negligence, strict liability or any other basis, including without limitation, direct or indirect, special, incidental, consequential or punitive damages arising from any use of this report or the information contained herein. By accepting this report, you agree and undertake to fully indemnify and hold harmless BOBCAPS and MAYBANK from and against claims, charges, actions, proceedings, losses, liabilities, damages, expenses and demands (collectively, the "Losses") which BOBCAPS and/or MAYBANK may incur or suffer in any jurisdiction including but not limited to those Losses incurred by BOBCAPS and/or MAYBANK are result of any proceedings or actions brought against them by any regulators and/or authorities, and which in any case are directly or indirectly occasioned by or result from or are attributable to anything done or omitted in relation to or arising from or in connection with this report.

Distribution into the United Kingdom ("UK"):

This research report will only be distributed in the United Kingdom, in accordance with the applicable laws and regulations of the UK, by Maybank Securities (London) Ltd) ("MSL") who is authorised and regulated by the Financial Conduct Authority ("FCA") in the United Kingdom (MSL and its affiliates are collectively referred to as "MAYBANK"). BOBCAPS is not authorized to directly distribute this research report in the UK.

This report has not been prepared by BOBCAPS in accordance with the UK's legal and regulatory requirements.

This research report is for distribution only to, and is solely directed at, selected persons on the basis that those persons: (a) are eligible counterparties and professional clients of MAYBANK as selected by MAYBANK solely at its discretion; (b) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended from time to time (the "Order"), or (c) fall within Article 49(2)(a) to (d) (high net worth companies, unincorporated associations, etc. as mentioned in the stated Article) of the Order; (all such persons together being referred to as "relevant persons").

This research report is directed only at relevant persons and must not be acted on or relied on by any persons who are not relevant persons. Any investment or investment activity to which this material relates is available only to relevant persons and will be engaged in only with relevant persons.

The relevant person as recipient of this research report is not permitted to reproduce, change, remove, pass on, distribute or disseminate the data or make it available to third parties without the written permission of BOBCAPS or MAYBANK. Any decision taken by the relevant person(s) pursuant to the research report shall be solely at their costs and consequences and BOBCAPS and MAYBANK shall not have any liability of whatsoever nature in this regard.

No distribution into the US:

This report will not be distributed in the US and no US person may rely on this communication.

Other jurisdictions:

This report has been prepared in accordance with SEBI (Research Analysts) Regulations and not in accordance with local regulatory requirements of any other jurisdiction. In any other jurisdictions, this report is only for distribution (subject to applicable legal or regulatory restrictions) to professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions by Maybank Securities Pte Ltd. (Singapore) and / or by any broker-dealer affiliate or such other affiliate as determined by Malayan Banking Berhad.

If the recipient of this report is not as specified above, then it should not act upon this report and return the same to the sender.

By accepting this report, you agree to be bound by the foregoing limitations