India Equity Research | Cement January 18, 2022 **Result Update**

Ultratech Cement

Refer to important disclosures at the end of this report

In-line performance; headwinds fading

- Consolidated EBITDA declined 22% YoY/11% QoQ to Rs24bn in Q3FY22, broadly in line with our estimate, as marginally higher-than-expected cost/ton was offset by better other operating income. Blended EBITDA/ton fell 20% YoY/17% QoQ to Rs1,046.
- With its large pan-India diversified market presence, premium brand positioning and focus on cost efficiency, UTCEM is better placed to improve margins in the medium term. Besides, the company's RoIC is expected to increase to a sustainable level of 20%+ within 4-5 years (vs. 12% in the past decade).
- Factoring in higher opex/ton due to input cost inflation and recent weakness in demand, we cut our FY22/FY23 EBITDA estimates by 8%/3%, while we broadly maintain FY24 estimates.
- We roll over to Mar'23 from Dec'22 and increase our TP by 3% to Rs8,750. Our DCFbased TP (11.25% WACC, 8% FCFF growth post FY26) implies a 1-year forward EV/EBITDA of 15x (vs. current multiple of 16.5x). Maintain Buy.
- Revenue from India operations rose 4% YoY to Rs122bn. Grey cement realization increased by ~1% QoQ (+8% YoY), in line with our estimate. Management said that the exit price of Q3 was broadly in line with the average price of the quarter. With improving demand, some pockets have already witnessed a price hike in Jan'22 and a further hike is expected in coming months. Other operating income rose 2.3x YoY (flat QoQ) to Rs2.7bn (~Rs119/ton), beating our estimate of Rs1.2bn, owing to the receipt of incentives for the Rajashree plant (~Rs500mn).
- Volumes of India operations declined 4% YoY to 22mt in Q3FY22. Average capacity utilization in Q3 stood at 75%. Demand substantially declined in Nov'21 but improved in Dec'21 with capacity utilization of ~84%. Management remains hopeful of a strong demand recovery in a couple of years owing to general elections. India operations EBITDA/ton declined 20% YoY/QoQ to Rs1,062.
- Consolidated cost/ton increased by 19% YoY/6% QoQ, marginally higher than our estimate. The average fuel consumption cost rose 26% QoQ to US\$151/ton in Q3. Management said that cost/ton is likely to remain high in Q4 and will start to decline from Q1FY23 onward. Adjusted PAT stood at Rs11.7bn. Reported PAT came in at Rs17bn owing to a one-time gain of Rs5.4bn in tax for earlier years.
- Project updates: 1) Grey cement: UTCEM commissioned 3.2mt (part of 19.5mt capacity expansion project) in YTD-FY22; the balance capacity is likely to be commissioned in a phased manner in FY23; 2) Wall putty: expanding capacity by 0.44mt to 1.26mt by Q2FY23; 3) White cement: the board has announced a plan to double capacity from 0.65mt to 1.25mt in a phased manner by FY26 at a capex of Rs9.7bn.

Please see our sector model portfolio (Emkay Alpha Portfolio): Cement & Building Materials (Page 11)

Financial Snapshot (Consolidated)

(Rs mn)	FY20	FY21	FY22E	FY23E	FY24E	Ultratech Cem
Revenue	4,21,250	4,47,258	5,26,105	5,97,736	6,78,325	Source: Bloomberg
EBITDA	94,167	1,15,679	1,18,645	1,42,107	1,67,017	This report is solely following person(s) a
EBITDA Margin (%)	22.4	25.9	22.6	23.8	24.6	production of the rec
APAT	38,386	55,809	60,520	77,491	1,04,280	Dharmesh Shah
EPS (Rs)	133.0	193.3	209.7	268.5	361.3	dharmesh.shah@
EPS (% chg)	50.0	45.4	8.4	28.0	34.6	+91 22 6612 125
ROE (%)	11.4	13.4	12.9	14.7	17.4	Harshal Milan M
P/E (x)	59.2	40.7	37.5	29.3	21.8	harshal.mehta@
EV/EBITDA (x)	25.9	20.2	19.7	16.3	13.6	+91 22 6624 248
P/BV (x)	5.8	5.1	4.6	4.1	3.6	8/2022 12·26 PM

Imkay Your success is our success

СМР	Target Price
Rs 7,870 as of (January 17, 2022)	Rs 8,750 (▲) 12 months
Rating	Upside
BUY (∎)	11.2 %

Change in Estimates

. J									
EPS Chg FY22E/FY	23E (%)	(9.7)/(2.6)							
Target Price change	(%)	2.9							
Target Period (Mont	hs)	12							
Previous Reco		BUY							
Emkay vs Consens	sus								
EPS E	stimates								
	FY22E	FY23E							
Emkay	209.7	268.5							
Consensus	241.5	291.0							
Mean Consensus Th	P (12M)	Rs 8,510							
Stock Details									
Bloomberg Code	ι	JTCEM IN							
Face Value (Rs)		10							
Shares outstanding	(mn)	289							
52 Week H/L	8,2	69 / 5,260							
M Cap (Rs bn/USD	bn) 2,2	72 / 30.60							
Daily Avg Volume (n	ios.)	336,616							
Daily Avg Turnover (US\$ mn) 34.1									
Shareholding Patte	ern Dec '21								
Promoters		60.0%							
Flls		15.7%							
DIIs		15.2%							
Public and Others		9.2%							
Price Performance									
(%) 1M	3M 6N	1 12M							
Absolute 7	6	7 44							
Rel. to Nifty -	7 (7) 14							
Relative price char	t								
⁸²²⁵ Rs	Ν	% [30							
7640 -	Ann I	22							
7055		₩ 14							
6470 -	' V	- 6							
5885 -									
		2							
5300		-10							
Jan-21 Mar-21 May-21 J	•	-10 v-21 Jan-22							
Jan-21 Mar-21 May-21 J	•	-10							
Jan-21 Mar-21May-21 J Ultratech Cement (LH Source: Bloomberg This report is solely produ	S) River Rin	v-21 Jan-22 al to Nifty (RHS)							
Jan-21 Mar-21May-21 J Ultratech Cement (LH Source: Bloomberg This report is solely prodi following person(s) are re	S) River Rin	v-21 Jan-22 al to Nifty (RHS)							
Jan-21 Mar-21 May-21 J Ultratech Cement (LH Source: Bloomberg This report is solely prodi following person(s) are re production of the recomm Dharmesh Shah	s) — R uced by Emkay sponsible for t nendation:	-10 v-21 Jan-22 al to Nifty (RHS) v Global. The the							
Jan-21 Mar-21 May-21 J Ultratech Cement (LH Source: Bloomberg This report is solely production following person(s) are re production of the recomm	s) — R uced by Emkay sponsible for t nendation:	-10 v-21 Jan-22 al to Nifty (RHS) v Global. The the							

Harshal Milan Mehta

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

Source: Company, Emkay Research

15%

10%

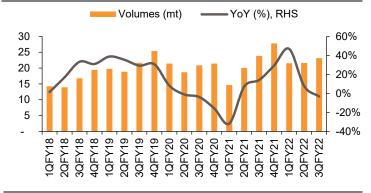
-5%

QFY22

2QFY22 3QFY22

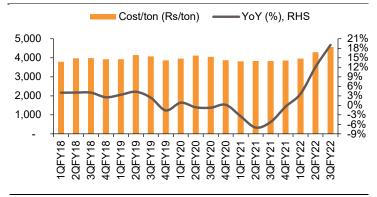
Story in Charts

Exhibit 1: Consolidated volumes decline ~3% YoY to ~23mt



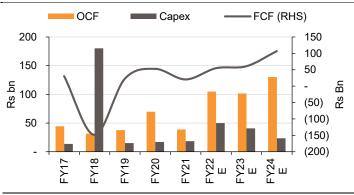
Source: Company, Emkay Research

Exhibit 3: Total opex/ton up 19% YoY and 6% QoQ



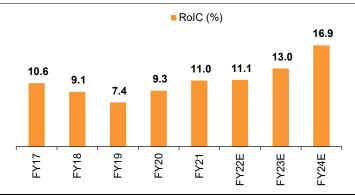
Source: Company, Emkay Research

Exhibit 5: Ultratech likely to generate FCF of Rs202bn over FY22E-24E



Source: Company, Emkay Research

Exhibit 7: Ultratech likely to have best incremental RoIC in this cycle



Realization (Rs/ton) YoY (%), RHS 6,000 5,000 4,000 5% 3,000 2.000 0% 1,000

4QFY19 **IQFY20**

Exhibit 2: Grey cement realization rises 8% YoY/~1% QoQ



1QFY18 2QFY18 3QFY18 4QFY18 1QFY19

2QFY19 **3QFY19**

Exhibit 4: Blended EBITDA/ton down 20% YoY/ 17% QoQ to Rs1,046

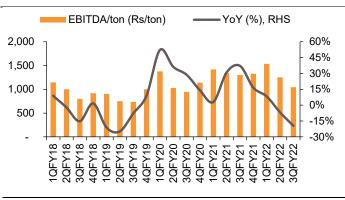
2QFY20

3QFY20 4QFY20

QFY21

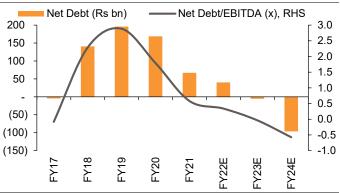
3QFY21 4QFY21

2QFY21



Source: Company, Emkay Research

Exhibit 6: With strong FCF generation, Ultratech to become net debt free in FY23E



Source: Company, Emkay Research

Exhibit 8: Maintain Buy and TP of Rs8,750, based on 15x Mar'24E
EV/EBITDA

EV/E method, backed by DCF analysis	Rs bn
Mar24E EBITDA	167
EV/E multiple (x)	15
Enterprise Value	2,507
Net cash (Mar23E)	18
Equity value	2,526
No. of shares (mn)	289
Mar'23 Target Price (Rs)	8,750
Source: Emkay Research	

Source: Company, Emkay Research

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/18/2022 12:26 PM

Concall takeaways

- RMC revenue grew 17% YoY/9% QoQ to Rs6.7bn, while white cement/putty revenue grew 1% YoY/8% QoQ to Rs5.4bn. White cement/putty volumes grew 5% YoY, (Realization flat QoQ).
- Demand outlook: Cement demand is expected to pick up in Q4, driven by a pickup in government-led infra and housing projects. The East region faced several one-time issues, such as sand shortage, rains and labor shortage, and it is expected to bounce back going ahead. Both rural and urban segments have picked up in Dec'21 and Jan'22. Management expects strong demand in FY23/FY24 owing to general elections.

	State/Region wise performance										
State/Region	Volume Growth	1	R	н	с	Key drivers					
North	1	•	•	•	•	 Urban housing demand slowed due to unseasonal rains, festivities and construction ban in NCR Rural housing registered marginal growth. Infrastructure segment registered relatively higher growth 					
Central	₽	•	•	•	•	 Rural housing registered growth except Kashi; Infrastructure segment de-growth due to near completion of major projects. High Sand prices and labour unavailability impacted overall construction demand 					
East	₽	•	•	•	•	 Rural and Infrastructure segment demand was impacted by unseasonal rains and festivities 					
West	₽	•	•	•	•	 Maharashtra: Mumbai maintained housing growth. Rural housing saw growth in all regions. Gujarat: Overall housing demand impacted by labour unavailability and Gram Panchayat elections 					
South	₽	•	•	•	•	 Housing de-growth in Karnataka and Tamil Nadu due to cyclonic rains; Growth in Andhra Pradesh, Telangana & Kerala Infrastructure segment de-growth except in Andhra Pradesh 					

Exhibit 9: Region-wise demand trend (Q3FY22)

Source: Company, Emkay Research

- Grey cement realization increased by 1% QoQ in Q3FY22. The average price in Q3 was flat QoQ. Management remains confident of improvement in prices as demand is robust. Price hikes have already been taken in some regions of the country. Management said with capacity utilization crossing 85%, realization/margins will improve substantially. Average capacity utilization was 75% in Q3FY22, while it increased to 84% in Dec'21.
- Power and fuel cost/ton rose 39% YoY with an increase in fuel prices, partly offset by a ~2% reduction in power consumption and an increase in the share of green power to 16% in Q3. Power and fuel cost/ton also increased by 21% QoQ due to high fuel prices The average fuel consumption cost stood at US\$151/ton in Q3FY22 (\$193/ton for Petcoke and \$137/ton for coal) as compared to US\$67/ton in Q3FY21 and US\$120/ton in Q2FY22. Management has guided that the fuel cost is expected to remain high and is expected to decline from Q1FY23 onward. Petcoke usage in the fuel mix increased by 600bps QoQ to 25% in Q3FY22. AFR usage stood at 5.2%. Indonesian coal prices are likely to decline from Mar/Apr'22 onward, as per management.
- Raw material cost/ton increased by 7% YoY/4% QoQ, owing to an increase in the prices of flyash, and gypsum and HSD. Freight cost/ton rose 4% YoY due to a ~24% YoY increase in diesel prices, partially mitigated by improved efficiency. Other cost/ton increased by 20% YoY due to a ~24% YoY increase in packing costs and normalized fixed costs, while it rose 4% QoQ due to fixed cost absorption amid higher QoQ volumes.
- Project Updates: Ultratech commissioned 1.2mt (0.6mt each in Patliputra and Dankuni) capacity in Oct'21 and 2mt in Bara, Uttar Pradesh, in Jan'22, taking its total domestic capacity to 114.6mt. It is likely to commission 4.1mt grinding capacity in H1FY23 and the balance 12.2mt in H2FY23. The company also commissioned operations at the Kalamboli bulk terminal, Maharashtra (1.2mt capacity), and commenced mining operations from Bicharpur Coal Mine, Madhya Pradesh (extractable reserves of ~29mt). UTCEM also plans to nearly double white cement capacity from 0.7mt to 1.3mt at a capex outlay of Rs9.7bn. Land acquisition for the project is yet to take place and capacity is likely to be commissioned in a phased manner by FY26.

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/18/2022 12:26 PM

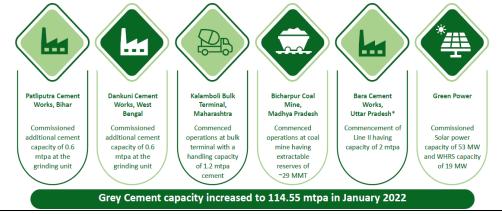
Exhibit 10: White Cement capex of Rs9.7bn announced

- Modernization and Expansion of capacity at Kharia, Rajasthan
- Nearly doubling capacity from 6.5 LTPA to 12.53 LTPA
- Capital outlay of Rs 965 Crs
- Capacity will be commissioned in phased manner



Source: Company, Emkay Research

Exhibit 11: Projects commissioned in 3QFY22



Source: Company, Emkay Research

- Capex: UTCEM has guided for a capex of Rs50bn for FY22E (Rs40bn spent in 9MFY22) and Rs40bn for FY23E, including maintenance capex of Rs10-15bn.
- Net debt: Net debt declined by Rs2bn QoQ (declined Rs6bn in 9MFY22) to Rs61.5bn as of Dec'21, with net debt-to-EBITDA standing at 0.49x.
- Green power share in the power mix rose to 16% (+100bps YoY). UTCEM commenced 19MW WHRS and 53MW solar power in Q3FY22, taking its total renewable power capacity to 221MW. Ultratech targets to increase its green power share to 34% (WHRS 26%; Solar 8%) by FY24E.
- Construction Chemicals: Management expects revenue of Rs5bn in FY22E and targets to double revenue every year with a target of Rs20-25bn in the next three years. UTCEM is acquiring good quality assets to grow this business. Potential EBITDA margins of 15-18% is targeted for this business. It is a capital-light business, which is expected to benefit from a strong distribution network.
- Others: 1) Trade sales mix declined 300bps QoQ to 64%; premium products volume increased ~1% YoY (16% of trade). 2) UTCEM has signed a definitive agreement for the fibre glass business (~90mn Euros) of Ultratech Nathdwara and the transaction is expected to close in Q4FY22E.

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/18/2022 12:26 PM

Exhibit 12: Actual vs. Estimates (Q3FY22) consol.

(Rs mn)	Actual	Estima	ates	% varia	tion	Comment	
(K3 IIII)	Actual	Emkay	Consensus	Emkay	Consensus		
Sales	1,27,100	1,26,290	1,30,049	0.6	(2.3)	In-line	
EBITDA	24,194	24,501	24,507	(1.3)	(1.3)	In-line	
Adj PAT	11,725	11,242	11,500	4.3	2.0	In-line	
Volume (mt)	23.1	22.9		1.1			
Blended Realization (Rs/ton)	5,495	5,518		(0.4)			
EBITDA (Rs/ton)	1,046	1,071		(2.3)			

Source: Company, Emkay Research

Exhibit 13: India operations - quarterly table

(Rs mn)	3QFY21	4QFY21	1QFY22	2QFY22	3QFY22	YoY (%)	QoQ (%)	9MFY21	9MFY22	YoY(%)
Net Sales	116,980	137,570	1,12,990	1,12,420	1,21,560	3.9	8.1	2,88,210	3,46,970	20.4
Other operating income	1,270	1,900	1,510	2,860	2,880	126.8	0.7	3,470	7,250	108.9
Revenue	118,250	139,470	1,14,500	1,15,280	1,24,440	5.2	7.9	2,91,680	3,54,220	21.4
Expenditure	87,950	103,420	81,850	88,210	1,01,080	14.9	14.6	2,14,620	2,71,140	26.3
Total RM	16,250	22,170	13,170	14,800	18,550	14.2	25.3	42,660	46,520	9.0
Power & Fuel	22,980	25,920	23,060	24,100	30,750	33.8	27.6	53,430	77,910	45.8
Freight	28,310	32,680	26,310	26,480	28,720	1.4	8.5	67,080	81,510	21.5
Staff cost	5,820	5,900	5,580	6,460	6,140	5.5	(5.0)	16,500	18,180	10.2
Other expenditure	14,590	16,750	13,730	16,370	16,920	16.0	3.4	34,950	47,020	34.5
EBITDA	30,300	36,050	32,650	27,070	23,360	(22.9)	(13.7)	77,060	83,080	7.8
Depreciation	6,370	6,700	6,330	6,490	6,450	1.3	(0.6)	19,020	19,270	1.3
EBIT	23,930	29,350	26,320	20,580	16,910	(29.3)	(17.8)	58,040	63,810	9.9
Other Income	2,540	820	2,040	1,420	700	(72.4)	(50.7)	6,640	4,160	(37.3)
Interest	3,460	3,670	3,200	2,250	1,780	(48.6)	(20.9)	10,770	7,230	(32.9)
PBT	23,010	26,500	25,160	19,750	15,830	(31.2)	(19.8)	53,910	60,740	12.7
Total Tax	7,530	8,650	8,340	6,460	4,600	(38.9)	(28.8)	16,880	19,400	14.9
Adjusted PAT	15,480	17,850	16,820	13,290	11,230	(27.5)	(15.5)	37,030	41,340	11.6
Adjusted EPS (Rs)	53.6	61.8	58.3	46.0	38.9	(27.4)	(15.5)	128.3	143.2	11.7

Source: Company, Emkay Research

Exhibit 14: India operations: Quarterly analysis on per-ton basis

Rs/ton	3QFY21	4QFY21	1QFY22	2QFY22	3QFY22	YoY (%)	QoQ (%)	9MFY21	9MFY22	YoY(%)
Cement volumes (mt)	22.8	26.6	20.5	20.5	22.0	(3.6)	7.4	56	63	12.6
Blended Realization	5,126	5,174	5,504	5,487	5,525	7.8	0.7	5,211	5,621	7.9
Raw Material	712	834	642	722	843	18.4	16.7	762	738	(3.2)
Power & Fuel	1,007	975	1,123	1,176	1,398	38.8	18.8	955	1,236	29.5
Freight	1,241	1,229	1,282	1,292	1,305	5.2	1.0	1,198	1,293	7.9
Staff cost	255	222	272	315	279	9.4	(11.5)	295	288	(2.1)
Other expenditure	639	630	669	799	769	20.3	(3.7)	624	746	19.5
Operating cost	3,854	3,889	3,987	4,305	4,595	19.2	6.7	3,835	4,302	12.2
Other operating income	56	71	74	140	131	135.2	(6.2)	62	115	85.6
EBITDA/ton	1,328	1,356	1,590	1,321	1,062	(20.0)	(19.6)	1,377	1,318	(4.2)

Source: Company, Emkay Research

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/18/2022 12:26 PM

Exhibit 15: Consolidated quarterly table

Exhibit 15: Consolidated qual	rterly table									
Rs mn	3QFY21	4QFY21	1QFY22	2QFY22	3QFY22	YoY (%)	QoQ (%)	9MFY21	9MFY22	YoY(%)
Net Sales	121,440	142,320	1,16,980	1,17,430	1,27,100	4.7	8.2	2,99,750	3,61,510	20.6
Other operating income	1,180	1,736	1,318	2,738	2,749	133.0	0.4	3,452	6,806	97.2
Revenue	122,620	144,056	1,18,298	1,20,168	1,29,849	5.9	8.1	3,03,202	3,68,316	21.5
Expenditure	91,599	107,152	85,223	93,021	1,05,656	15.3	13.6	2,24,427	2,83,899	26.5
Total RM	17,945	24,118	14,505	17,300	20,606	14.8	19.1	46,740	52,410	12.1
Power & Fuel	24,019	27,037	24,274	25,200	32,214	34.1	27.8	56,275	81,689	45.2
Freight	28,485	32,877	26,482	26,733	29,048	2.0	8.7	67,556	82,263	21.8
Staff cost	6,102	6,136	5,849	6,795	6,429	5.4	(5.4)	17,395	19,074	9.7
Other expenditure	15,047	16,984	14,114	16,993	17,358	15.4	2.2	36,462	48,465	32.9
EBITDA	31,022	36,904	33,075	27,147	24,194	(22.0)	(10.9)	78,775	84,416	7.2
Depreciation	6,739	6,980	6,598	6,774	6,742	0.0	(0.5)	20,022	20,114	0.5
EBIT	24,282	29,924	26,477	20,373	17,452	(28.1)	(14.3)	58,753	64,302	9.4
Other Income	2,600	603	2,049	1,401	705	(72.9)	(49.7)	6,738	4,154	(38.3)
Interest	3,563	3,772	3,261	2,300	1,823	(48.8)	(20.7)	11,085	7,384	(33.4)
РВТ	23,320	26,755	25,265	19,474	16,334	(30.0)	(16.1)	54,406	61,072	12.3
Total Tax	7,474	8,649	8,269	6,371	4,592	(38.6)	(27.9)	16,739	19,233	14.9
Adjusted PAT	15,846	18,107	16,996	13,103	11,742	(25.9)	(10.4)	37,667	41,840	11.1
(Profit)/loss from JV's/Ass/MI	(3)	34	31	31	(17)	538.5	(153.4)	2	45	
PAT after MI	15,843	18,141	17,026	13,134	11,725	(26.0)	(10.7)	37,669	41,885	11.2
Extra ordinary items	-	(388)	-	-	5,352			(2,219)	5,352	
Reported PAT	15,843	17,752	17,026	13,134	17,077	7.8	30.0	35,450	47,237	33.3
Adjusted EPS (Rs)	54.9	62.8	59.0	45.5	40.6	(26.0)	(10.7)	130.5	145.1	11.2
	3QFY21	4QFY21	1QFY22	2QFY22	3QFY22	YoY (bps)	QoQ (bps)	9MFY21	9MFY22	YoY(bps)
EBIDTA	25.3	25.6	28.0	22.6	18.6	(667)	(396)	26.0	22.9	(306)
EBIT	19.8	20.8	22.4	17.0	13.4	(636)	(351)	19.4	17.5	(192)

Courses Company Employ Decearch										
Effective Tax rate	32.0	32.3	32.7	32.7	28.1	(394)	(460)	30.8	31.5	73
PAT	12.9	12.6	14.4	10.9	9.0	(388)	(186)	12.4	11.4	(106)
EBT	19.0	18.6	21.4	16.2	12.6	(644)	(363)	17.9	16.6	(136)
EBIT	19.8	20.8	22.4	17.0	13.4	(636)	(351)	19.4	17.5	(192)
EBIBIN	20.0	20.0	20.0	22.0	10.0	(001)	(000)	20.0	22.0	(000)

Source: Company, Emkay Research

Exhibit 16: Consolidated quarterly analysis on per-ton basis

Rs/ton	3QFY21	4QFY21	1QFY22	2QFY22	3QFY22	YoY (%)	QoQ (%)	9MFY21	9MFY22	YoY(%)
Volumes (mt)	23.9	27.8	21.5	21.6	23.1	(3.1)	6.9	59	66	13.2
Blended Realization	5,085	5,123	5,433	5,427	5,495	8.1	1.3	5,175	5,555	7.3
Raw Material	751	868	674	799	891	18.6	11.4	798	790	(0.9)
Power & Fuel	1,006	973	1,127	1,165	1,393	38.5	19.6	960	1,232	28.3
Freight	1,193	1,183	1,230	1,235	1,256	5.3	1.7	1,153	1,241	7.6
Staff cost	256	221	272	314	278	8.8	(11.5)	297	288	(3.1)
Other expenditure	630	611	656	785	750	19.1	(4.4)	622	731	17.5
Operating cost	3,836	3,857	3,958	4,299	4,568	19.1	6.3	3,830	4,282	11.8
Other operating income	49	62	61	127	119	140.5	(6.0)	59	103	74.2
EBITDA/ton	1,299	1,328	1,536	1,254	1,046	(19.5)	(16.6)	1,345	1,273	(5.3)

Source: Company, Emkay Research

Exhibit 17: We have cut EBITDA estimates by ~3% for FY23E and kept FY24E estimates unchanged

		FY22E			FY23E			FY24E	
	Old	New	% chg	Old	New	% chg	Old	New	% chg
Revenues	5,41,572	5,26,105	(2.9)	6,03,714	5,97,736	(1.0)	6,74,958	6,78,325	0.5
EBITDA	1,28,631	1,18,645	(7.8)	1,45,985	1,42,107	(2.7)	1,66,965	1,67,017	0.0
PAT	66,990	60,520	(9.7)	79,519	77,491	(2.6)	1,04,875	1,04,280	(0.6)

Source: Company, Emkay Research

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/18/2022 12:26 PM

Annual Analysis

Exhibit 18: Key Assumptions

Onevertional details	FY17	FY18	FY19	FY20	FY21	FY22E	FY23E	FY24E	CAG	R%
Operational details	F 117	F 118	F119	FT20	F121	FT22E	FIZJE	FT24E	FY17-21	FY21-24E
Capacity (mt)	72	86	100	115	118	125	138	140	13.3	5.7
Volumes (mt)	53	65	76	82	86	94	104	116	12.8	10.3
Utilization (%)	76	82	82	77	74	77	80	83	(0.5)	3.8
Blended Realization (Rs/ton)	4,703	4,795	4,815	5,038	5,118	5,522	5,661	5,789	2.1	4.2
EBITDA/ton (Rs/ton)	977	951	889	1,144	1,338	1,265	1,361	1,440	8.2	2.5
P&L (Rs bn)										
Revenue	254	314	374	421	447	526	598	678	15.2	14.9
EBITDA	52	61	68	94	116	119	142	167	22.1	13.0
Adj. Net Profit	27	25	24	38	56	61	77	104	19.7	23.2
Balance Sheet (Rs bn)										
Equity	244	264	284	391	442	494	556	640		
Net Debt	(4)	141	196	169	67	40	(5)	(96)		
Net Debt: EBITDA (x)	(0.1)	2.3	2.9	1.8	0.6	0.3	(0.0)	(0.6)		
Net Debt: Equity (x)	(0.0)	0.5	0.7	0.4	0.2	0.1	(0.0)	(0.2)		
Cash Flow (Rs bn)										
OCF before NWC change	39	40	47	65	87	92	105	134		
Change in NWC	5	(8)	(9)	5	23	(8)	(3)	(4)		
Capex	(14)	(180)	(15)	(17)	(18)	(50)	(41)	(23)		
FCF	31	(149)	23	53	91	35	61	107		
Return ratios (%)										
RoE	11.9	9.7	8.9	11.4	13.4	12.9	14.7	17.4		
RoCE	11.8	7.6	6.8	8.6	11.6	11.2	13.5	18.0		
RoIC	10.6	9.1	7.4	9.3	11.0	11.1	13.0	16.9		
Valuations (x)										
PE					40.7	37.5	29.3	21.8		
EV/EBITDA					21.1	19.7	16.3	13.6		
EV/ton (USD)					271	254	226	213		

Exhibit 19: Annual Analysis on per-ton basis

Rs/ton	FY17	FY18	FY19	FY20	FY21	FY22E	FY23E	FY24E
Blended realization	4,703	4,795	4,815	5,038	5,118	5,522	5,661	5,789
Raw materials consumed	838	813	855	767	820	844	837	844
Power & fuel costs	801	981	1,103	1,029	964	1,258	1,292	1,319
Freight costs	1,106	1,132	1,158	1,181	1,162	1,243	1,269	1,300
Staff cost	285	280	270	305	272	281	260	243
Other expenses	748	706	619	691	618	718	704	702
Operating Cost	3,779	3,911	4,005	3,973	3,836	4,344	4,363	4,409
Other operating income	53	68	79	79	56	88	62	59
Blended EBITDA	977	951	889	1,144	1,338	1,265	1,361	1,440

Source: Company, Emkay Research

Exhibit 20: 1-year forward EV/EBITDA

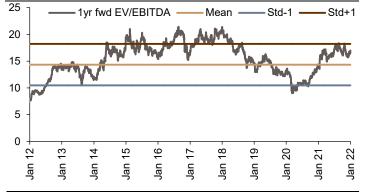
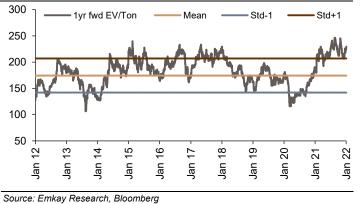


Exhibit 21: 1-yeatr forward EV/ton



Source: Emkay Research, Bloomberg

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/18/2022 12:26 PM

Key Financials (Consolidated)

Income Statement

Y/E Mar (Rs mn)	FY20	FY21	FY22E	FY23E	FY24E
Revenue	4,21,250	4,47,258	5,26,105	5,97,736	6,78,325
Expenditure	3,27,083	3,31,579	4,07,459	4,55,629	5,11,308
EBITDA	94,167	1,15,679	1,18,645	1,42,107	1,67,017
Depreciation	27,022	27,002	27,426	30,120	31,666
EBIT	67,146	88,676	91,219	1,11,987	1,35,350
Other Income	6,478	7,342	5,639	7,493	10,023
Interest expenses	19,857	14,857	9,173	7,186	5,775
РВТ	53,767	81,162	87,685	1,12,293	1,39,598
Тах	15,413	25,387	27,182	34,811	35,318
Extraordinary Items	19,765	(2,607)	5,352	0	0
Minority Int./Income from Assoc.	32	34	17	9	0
Reported Net Income	58,150	53,201	65,872	77,491	1,04,280
Adjusted PAT	38,386	55,809	60,520	77,491	1,04,280

Balance Sheet

Y/E Mar (Rs mn)	FY20	FY21	FY22E	FY23E	FY24E
Equity share capital	2,886	2,887	2,887	2,887	2,887
Reserves & surplus	3,88,269	4,38,860	4,91,558	5,53,550	6,36,974
Net worth	3,91,155	4,41,747	4,94,444	5,56,437	6,39,861
Minority Interest	75	57	40	31	31
Loan Funds	2,28,979	2,04,727	1,42,727	1,12,727	82,727
Net deferred tax liability	49,060	60,335	60,396	60,456	60,516
Total Liabilities	6,69,269	7,06,866	6,97,607	7,29,651	7,83,136
Net block	5,99,421	5,91,214	6,24,522	6,40,226	6,33,066
Investment	59,287	1,21,781	1,01,781	1,01,781	1,06,781
Current Assets	1,25,508	1,31,959	1,23,681	1,54,481	2,41,816
Cash & bank balance	5,392	20,076	5,105	20,472	76,542
Other Current Assets	1,651	1,651	1,651	1,651	1,651
Current liabilities & Provision	1,24,042	1,54,897	1,59,431	1,71,031	2,02,721
Net current assets	1,466	(22,939)	(35,749)	(16,549)	39,095
Misc. exp	0	0	0	0	0
Total Assets	6,69,270	7,06,866	6,97,607	7,29,651	7,83,136

Cash Flow FY22E FY23E Y/E Mar (Rs mn) FY20 FY21 FY24E PBT (Ex-Other income) (NI+Dep) 52,423 71,247 87,415 1,04,809 1,29,576 Other Non-Cash items (5,869)11,237 0 0 0 Chg in working cap 4,503 39,088 (2, 160)(3,833) 426 **Operating Cashflow** 89,020 1,38,043 93,723 1,01,347 1,31,116 Capital expenditure (17,037)(18, 414)(50,028)(40, 840)(23, 499)**Free Cash Flow** 60,507 71,983 1,19,630 43,695 1,07,617 Investments 20,000 (5,000) (22, 302)(62,494) 0 Other Investing Cash Flow 0 0 0 0 0 **Investing Cashflow** (38,129) (73,566) (24,389) (33,347) (18,477) Equity Capital Raised (3) 0 0 0 0 Loans Taken / (Repaid) (27, 164)(24,252) (62,000)(30,000)(30,000)(20,856) Dividend paid (incl tax) (3,800) (10,680) (13,174) (15,498) Other Financing Cash Flow 0 0 43 52 60 **Financing Cashflow** (49,911) (49,789) (84,304) (52,633) (56,570) Net chg in cash 980 14,688 (14,970) 15,367 56,069 Opening cash position 4,412 5,392 20,076 5,105 20,472 76,542 **Closing cash position** 5,392 20,076 5,105 20,472

Source: Company, Emkay Research

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/18/2022 12:26 PM

Profitability (%)	FY20	FY21	FY22E	FY23E	FY24E
EBITDA Margin	22.4	25.9	22.6	23.8	24.6
EBIT Margin	15.9	19.8	17.3	18.7	20.0
Effective Tax Rate	28.7	31.3	31.0	31.0	25.3
Net Margin	9.1	12.5	11.5	13.0	15.4
ROCE	12.1	14.0	13.8	16.7	19.2
ROE	11.4	13.4	12.9	14.7	17.4
RolC	12.4	15.5	16.1	18.9	22.6
Per Share Data (Rs)	FY20	FY21	FY22E	FY23E	FY24E
EPS	133.0	193.3	209.7	268.5	361.3
CEPS	226.6	286.9	304.7	372.8	471.0
BVPS	1,355.2	1,530.4	1,713.0	1,927.7	2,216.7
DPS	13.8	7.5	18.8	21.6	24.4
Valuations (x)	FY20	FY21	FY22E	FY23E	FY24E
PER	59.2	40.7	37.5	29.3	21.8
P/CEPS	34.7	27.4	25.8	21.1	16.7
P/BV	5.8	5.1	4.6	4.1	3.6
EV / Sales	5.8	5.2	4.4	3.8	3.2
EV / EBITDA	25.9	20.2	19.7	16.3	13.6
Dividend Yield (%)	0.2	0.1	0.2	0.3	0.3
Gearing Ratio (x)	FY20	FY21	FY22E	FY23E	FY24E
Net Debt/ Equity	0.4	0.2	0.1	0.0	(0.2)
Net Debt/EBIDTA	1.8	0.6	0.3	0.0	(0.6)
Working Cap Cycle (days)	(3.4)	(35.1)	(28.3)	(22.6)	(20.1)
Growth (%)	FY20	FY21	FY22E	FY23E	FY24E
Revenue	12 7	62	17.6	13.6	13 5
Revenue	12.7 38.7	6.2 22.8	17.6 2.6	13.6 19.8	
EBITDA	38.7	22.8	2.6	19.8	17.5
					13.5 17.5 20.9 34.6
EBITDA EBIT PAT	38.7 44.5 138.8	22.8 32.1 (8.5)	2.6 2.9 23.8	19.8 22.8 17.6	17.5 20.9 34.6
EBITDA EBIT PAT Quarterly (Rs mn)	38.7 44.5 138.8 Q3FY21	22.8 32.1 (8.5) Q4FY21	2.6 2.9 23.8 Q1FY22	19.8 22.8 17.6 Q2FY22	17.5 20.9 34.6 Q3FY22
EBITDA EBIT PAT Quarterly (Rs mn) Revenue	38.7 44.5 138.8 Q3FY21 1,22,620	22.8 32.1 (8.5) Q4FY21 1,44,056	2.6 2.9 23.8 Q1FY22 1,18,298	19.8 22.8 17.6 Q2FY22 1,20,168	17.5 20.9 34.6 Q3FY22 1,29,849
EBITDA EBIT PAT Quarterly (Rs mn) Revenue EBITDA	38.7 44.5 138.8 Q3FY21 1,22,620 31,022	22.8 32.1 (8.5) Q4FY21 1,44,056 36,904	2.6 2.9 23.8 Q1FY22 1,18,298 34,078	19.8 22.8 17.6 Q2FY22 1,20,168 27,161	17.5 20.9 34.6 Q3FY22 1,29,849 20,739
EBITDA EBIT PAT Quarterly (Rs mn) Revenue EBITDA EBITDA Margin (%)	38.7 44.5 138.8 Q3FY21 1,22,620 31,022 25.3	22.8 32.1 (8.5) Q4FY21 1,44,056 36,904 25.6	2.6 2.9 23.8 Q1FY22 1,18,298 34,078 28.8	19.8 22.8 17.6 Q2FY22 1,20,168 27,161 22.6	17.5 20.9 34.6 Q3FY22 1,29,849 20,739 16.0
EBITDA EBIT PAT Quarterly (Rs mn) Revenue EBITDA EBITDA Margin (%) PAT	38.7 44.5 138.8 Q3FY21 1,22,620 31,022	22.8 32.1 (8.5) Q4FY21 1,44,056 36,904 25.6 17,752	2.6 2.9 23.8 Q1FY22 1,18,298 34,078 28.8 18,029	19.8 22.8 17.6 Q2FY22 1,20,168 27,161 22.6 13,148	17.5 20.9 34.6 Q3FY22 1,29,849 20,739 16.0 8,271
EBITDA EBIT PAT Quarterly (Rs mn) Revenue EBITDA EBITDA Margin (%) PAT EPS (Rs)	38.7 44.5 138.8 Q3FY21 1,22,620 31,022 25.3	22.8 32.1 (8.5) Q4FY21 1,44,056 36,904 25.6	2.6 2.9 23.8 Q1FY22 1,18,298 34,078 28.8	19.8 22.8 17.6 Q2FY22 1,20,168 27,161 22.6	17.5 20.9 34.6 Q3FY22 1,29,849 20,739 16.0 8,271
EBITDA EBIT PAT Quarterly (Rs mn) Revenue EBITDA EBITDA Margin (%) PAT EPS (Rs) Source: Company, Emkay Research	38.7 44.5 138.8 Q3FY21 1,22,620 31,022 25.3 15,843 54.9	22.8 32.1 (8.5) Q4FY21 1,44,056 36,904 25.6 17,752 61.5	2.6 2.9 23.8 Q1FY22 1,18,298 34,078 28.8 18,029 62.5	19.8 22.8 17.6 Q2FY22 1,20,168 27,161 22.6 13,148 45.6	17.5 20.9 34.6 Q3FY22 1,29,849 20,739 16.0 8,271 28.7
EBITDA EBIT PAT Quarterly (Rs mn) Revenue EBITDA EBITDA Margin (%) PAT EPS (Rs)	38.7 44.5 138.8 Q3FY21 1,22,620 31,022 25.3 15,843 54.9 Dec-20	22.8 32.1 (8.5) Q4FY21 1,44,056 36,904 25.6 17,752 61.5 Mar-21	2.6 2.9 23.8 Q1FY22 1,18,298 34,078 28.8 18,029 62.5	19.8 22.8 17.6 Q2FY22 1,20,168 27,161 22.6 13,148 45.6 Sep-21	17.5 20.9 34.6 Q3FY22 1,29,849 20,739 16.0 8,271 28.7 Dec-21
EBITDA EBIT PAT Quarterly (Rs mn) Revenue EBITDA EBITDA Margin (%) PAT EPS (Rs) Source: Company, Emkay Research Shareholding Pattern (%) Promoters	38.7 44.5 138.8 Q3FY21 1,22,620 31,022 25.3 15,843 54.9 Dec-20 60.0	22.8 32.1 (8.5) Q4FY21 1,44,056 36,904 25.6 17,752 61.5 Mar-21 60.0	2.6 2.9 23.8 Q1FY22 1,18,298 34,078 28.8 18,029 62.5 Jun-21 60.0	19.8 22.8 17.6 Q2FY22 1,20,168 27,161 22.6 13,148 45.6 Sep-21 60.0	17.5 20.9 34.6 Q3FY22 1,29,849 20,739 16.0 8,271 28.7 Dec-21 60.0
EBITDA EBIT PAT Quarterly (Rs mn) Revenue EBITDA EBITDA Margin (%) PAT EPS (Rs) Source: Company, Emkay Research Shareholding Pattern (%)	38.7 44.5 138.8 Q3FY21 1,22,620 31,022 25.3 15,843 54.9 Dec-20	22.8 32.1 (8.5) Q4FY21 1,44,056 36,904 25.6 17,752 61.5 Mar-21	2.6 2.9 23.8 Q1FY22 1,18,298 34,078 28.8 18,029 62.5	19.8 22.8 17.6 Q2FY22 1,20,168 27,161 22.6 13,148 45.6 Sep-21	17.5 20.9

Source: Capitaline

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/18/2022 12:26 PM

RECOMMENDATION HISTORY TABLE

Date	Closing Price	ТР	Period (months)	Rating	Analyst
31-Dec-21	7,591	8,500	12m	Buy	Dharmesh Shah
02-Dec-21	7,323	8,500	12mb	Buy	Dharmesh Shah
19-Oct-21	7,170	8,500	12m	Buy	Dharmesh Shah
05-Sep-21	7,930	8,500	12m	Buy	Dharmesh Shah
06-Aug-21	7,528	8,500	12m	Buy	Dharmesh Shah
23-Jul-21	7,490	8,500	12m	Buy	Dharmesh Shah
06-Jun-21	6,664	7,050	12m	Buy	Dharmesh Shah
10-May-21	6,403	7,050	12m	Buy	Dharmesh Shah
09-May-21	6,482	7,050	12m	Buy	Dharmesh Shah
28-Apr-21	6,361	7,050	12m	Buy	Dharmesh Shah

Source: Company, Emkay Research

RECOMMENDATION HISTORY CHART



Source: Bloomberg, Company, Emkay Research

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/18/2022 12:26 PM

Analyst: Dharmesh Shah

Cement & Building Materials

dharmesh.shah@emkayglobal.com

Dharmesh is a CA and has around 10

years of experience in equity research. His team currently covers ten stocks in

Contact Details

+91 22 6612 1255

Sector

Analyst bio

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	Change vs last published EAP (bps)
Cement & Building Materials	2.47	2.47	0%	0	100.00	
ACC	0.18	0.18	0%	0	7.43	0
Ambuja Cements	0.27	0.27	0%	0	11.10	0
Birla Corporation	0.00	0.00	NA	0	0.00	0
Dalmia Bharat	0.15	0.12	-21%	-3	4.97	0
Grasim Industries*	0.66	0.66	0%	0	26.94	0
JK Cement	0.00	0.00	NA	0	0.00	0
Ramco Cements	0.12	0.12	0%	0	4.94	0
Shree Cements	0.25	0.25	0%	0	9.95	0
Star Cement	0.00	0.00	NA	0	0.00	0
Ultratech Cement	0.82	0.85	4%	3	34.66	0
Cash	0.00	0.00	NA	0	0.01	0

Source: Emkay Research

* Not under coverage: Equal Weight

High Conviction/Strong Over Weight

Sector portfolio NAV

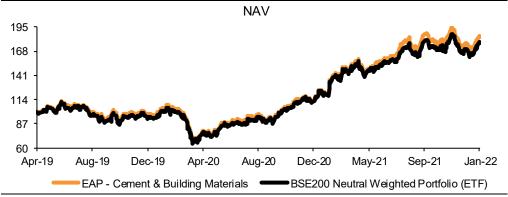
				Latest
13-Jan-21	13-Jul-21	13-Oct-21	13-Dec-21	13-Jan-22
124.4	171.8	177.4	176.4	183.5
123.7	165.7	170.8	169.9	176.7
	124.4	124.4 171.8	124.4 171.8 177.4	124.4 171.8 177.4 176.4

Source: Emkay Research

Price Performance (%)

	1m	3m	6m	12m
EAP - Cement & Building Materials	4.0%	3.4%	6.8%	47.5%
BSE200 Neutral Weighted Portfolio (ETF)	4.0%	3.5%	6.7%	42.8%
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"

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/18/2022 12:26 PM

Emkay Rating Distribution

Completed Date: 18 Jan 2022 03:17:18 (SGT) Dissemination Date: 18 Jan 2022 03:18:18 (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.emkayglobal.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 Rule 15a 6(a)(2). If the recipient of 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 Investors. 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.

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/18/2022 12:26 PM

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 associate¹ 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 have financial interests² 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.

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.

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 January 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:
- 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 January 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 January 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 or for products or services other than investment banking or merchant banking or brokerage services or for products or services other than investment banking or merchant banking or brokerage services 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 January 18, 2022

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/18/2022 12:26 PM

RESTRICTIONS ON I	DISTRIBUTION
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.
United Kingdom	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. 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, 6 th 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

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/18/2022 12:26 PM