

HOLD TP: Rs 995 | ¥ 3%

KAJARIA CERAMICS

Construction Materials

03 August 2021

In-line quarter

- Consolidated Q1 revenue grew 102% YoY as tile volumes doubled, aided by a soft lockdown-hit base quarter
- Operating profit stood at Rs 804mn vs. a loss of Rs 76mn in Q1FY21, with EBITDA margin at 14.3%
- We broadly maintain estimates and roll over to a new Jun'22 TP of Rs 995 (vs. Rs 950). Retain HOLD

Low base aids strong revenue growth: KJC reported consolidated Q1FY22 revenue growth of 102% YoY to Rs 5.6bn with tile volumes rising 99% YoY off a soft base. Sanitary & faucetware grew 113% YoY. As per management, demand in Q1 was affected due to resurfacing of the pandemic but has improved in Q2 alongside unlocking across major markets. Working capital days increased by 38 days QoQ to 88 as lower sales led to buildup of inventory. Management expects inventory to normalise by end-Q2. KJC aims to increase tile market share from ~12% in FY21 to ~15% over the next three years.

Demand trends improving: Per management, demand was decent till mid-April after which it tapered down till May but subsequently recovered in June as unlocking began. July has been normal with KJC achieving 100% of its sales target during the month. The company anticipates sustained demand revival in Q2. Management has now guided for 15-16% tile volume growth in FY22 (earlier guidance of 20-25% withdrawn in mid-June) and value growth of 18-20%, which translates to a 6-7% uptick in tile volumes in 9MFY22, assuming the pandemic doesn't resurface. KJC has also guided for ~50% growth in bathware and ~100% in plywood in FY22 off a low base.

Operating margin at 14.3%: Consolidated operating margin stood at 14.3% (vs. -2.7% in Q1FY21) and EBITDA at Rs 804mn (vs. -Rs 76mn). Management did not put out margin guidance for FY22 but stated that it has hiked tile prices by 1-1.5% in Q1 and another ~3% in July to negate some part of the higher raw material cost. KJC expects to cut losses in the plywood business from Rs 110mn in FY21 to Rs 50mn in FY22 and also anticipates positive contribution from the bathware segment.

Maintain HOLD: We broadly maintain FY22/FY23 PAT estimates and roll forward to a revised Jun'22 TP of Rs 995 (earlier Rs 950), set at an unchanged 32x one-year forward P/E, in line with the stock's five-year average. Though we like the company for its leadership in tiles, strong balance sheet and robust return ratios, valuations look full at 34.5x FY23E EPS – retain HOLD.

Key changes

Arun Baid

researchreport@bobcaps.in

Ĩ	Target	Rating	
Ticker/P	rice	KJC IN/Rs 1,028	
Market c	ар	US\$ 2.2bn	
Free floa	ıt	52%	
3M ADV		US\$ 2.8mn	
52wk hig	h/low	Rs 1,055/Rs 397	
Promote	r/FPI/DII	48%/25%/27%	
			_

Source: NSE | Price as of 3 Aug 2021

Key financials

-			
Y/E 31 Mar	FY21A	FY22E	FY23E
Total revenue (Rs mn)	27,809	34,273	39,720
EBITDA (Rs mn)	5,088	6,308	7,648
Adj. net profit (Rs mn)	3,081	3,848	4,743
Adj. EPS (Rs)	19.4	24.2	29.8
Consensus EPS (Rs)	19.4	24.1	30.9
Adj. ROAE (%)	17.2	20.1	23.4
Adj. P/E (x)	53.1	42.5	34.5
EV/EBITDA (x)	31.9	25.5	21.1
Adj. EPS growth (%)	20.6	24.9	23.3
0 0 DI I DOD			

Source: Company, Bloomberg, BOBCAPS Research

Stock performance



Source: NSE





Fig 1 – Consolidated quarterly performance

•					
(Rs mn)	Q1FY22	Q1FY21	YoY (%)	Q4FY21	QoQ (%)
Net Sales	5,617	2,776	102.4	9,525	(41.0)
COGS	3,259	1,940	68.0	5,645	(42.3)
Employee cost	933	608	53.3	964	(3.3)
Other expenses	621	303	104.9	1,006	(38.3)
EBITDA	804	(76)	(1,162.4)	1,909	(57.9)
EBITDA Margin (%)	14.3	(2.7)	1,705bps	20.0	(573bps)
Depreciation and amortization	265	252	5.2	265	0.0
EBIT	539	(328)	(264.4)	1,644	(67.2)
EBIT Margin (%)	9.6	(11.8)	2141bps	17.3	(766bps)
Net Interest expenses	30	34	(10.7)	26	14.4
Other non-operating inc (exp), net	60	26	129.0	74	(19.4)
Earnings before tax	569	(336)	(269.5)	1,692	(66.4)
Income taxes	154	(6)	(2,627.9)	380	(59.5)
Earnings after tax	415	(329)	(225.9)	1,312	(68.4)
Minority interest (expense) income	(16)	(58)	(72.6)	41	(139.2)
Reported Net income (loss)	431	(271)	(258.9)	1,271	(66.1)
Severe Company, BOBCARC Research					

Source: Company, BOBCAPS Research

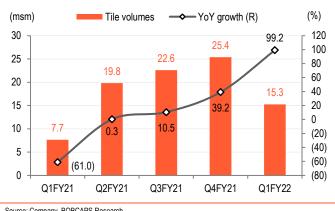
Fig 2 – Segmental performance

(Rs mn)	Q1FY22	Q1FY21	YoY (%)	Q4FY21	QoQ (%)
Segment Revenues					
Tiles	5,193	2,577	101.5	8,659	(40.0)
Other	423	199	113.1	867	(51.1)
Total revenues	5,617	2,776	102.4	9,525	(41.0)
EBIT					
Tiles	531.9	(261.8)	(303.2)	1,571.7	(66.2)
Other	7.1	(66.1)	(110.7)	72.3	(90.2)
Total	539	(328)	(264.4)	1,644	(67.2)
EBIT Margins (%)					
Tiles	10.2	(10.2)	2,040bps	18.2	(791bps)
Other	1.7	(33.3)	3,496bps	8.3	(667bps)

Source: Company, BOBCAPS Research

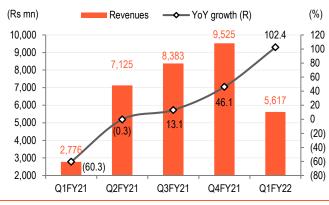


Fig 3 – Tile volumes



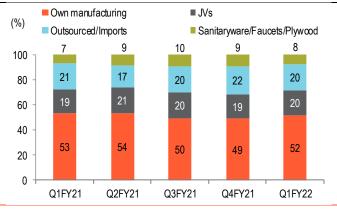
Source: Company, BOBCAPS Research

Fig 5 – Consolidated revenue



Source: Company, BOBCAPS Research

Fig 7 – Revenue breakup



Source: Company, BOBCAPS Research

Fig 4 – Tile net realisations

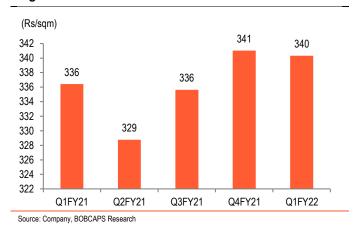
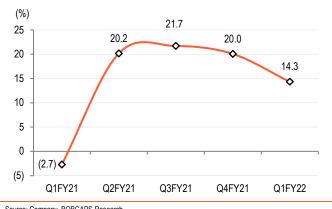


Fig 6 – Consolidated EBITDA margin



Source: Company, BOBCAPS Research

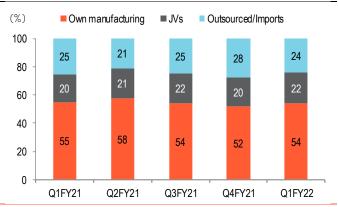


Fig 8 – Tile volume breakup

Source: Company, BOBCAPS Research



Earnings call highlights

- KJC saw decent demand until mid-April but thereafter sales faltered till May due to the second wave of the pandemic. However, the month of June was better followed by a return to normal in July. Average plant utilisation in Q1FY22 was at 75%.
- Management expects to see 15-16% tile volume growth in FY22 assuming the pandemic does not resurface. Its other two businesses, namely plywood and bathware, are guided to clock strong growth of ~100% and 50% respectively due to a low base.
- Gas prices increased from ~Rs 28.5/scm in Q4FY21 to ~Rs 32/scm in Q1FY22 and currently stand at ~Rs 35/scm.
- KJC took price increases of 1-1.5% in tiles during Q1 and ~3% in July due to the rising raw material cost.
- India's total tile capacity is ~1,150msm, of which 70% is based out of Morbi (Gujarat). Exports from unorganised players in Morbi touched ~Rs 100bn in FY21 (vs. ~Rs 77bn in FY20) and could grow to ~Rs 120bn in FY22. In contrast, management estimates the domestic tiles market will decline by ~10% in FY22 due to pandemic.
- Tile exports from India are likely to remain strong due to the country's cost edge (ex-China). Also, India's freight cost is lower and hence demand remains robust even from markets such as Saudi Arabia which have imposed anti-dumping duty.
- Management plans to remain focused on the domestic market and to cap exports at a maximum of 5% of total turnover. KJC is targeting an increase in tile segment market share from ~12% in FY21 to ~15% over the next three years. It plans to expand volumes by ~15% a year for the next three years.
- Plywood business revenue stood at ~Rs 390mn in FY21 and is guided to reach Rs 800mn in FY22. Management expects to halve losses in this division from ~Rs 110mn in FY21 to ~Rs 50mn in FY22 and thereafter break even or be marginally profitable by FY23. It also plans to enter laminates in Q2FY22.
- KJC is net debt-free and intends to pay out 40-50% of profits going ahead.



Valuation methodology

KJC is the largest organised player in the ~Rs 310bn Indian tiles market (~50% unorganised). We expect the company to benefit from the gradual formalisation of demand post-GST and e-way bill implementation, given its strong brand, wide distribution reach and market leadership.

We broadly maintain estimates and roll forward to a revised Jun'22 TP of Rs 995 (earlier Rs 950), set at an unchanged one-year forward P/E of 32x – in line with the stock's five-year average. We like KJC for its leadership position in the tiles business, strong branding and robust balance sheet, but current valuations appear full at 34.5x FY23E EPS – we thus maintain our HOLD rating.

Fig 9 – Revised estimates

(De mm)	New		Old		Change (%)		
(Rs mn)	FY22E	FY23E	FY22E	FY23E	FY22E	FY23E	
Revenue	34,273	39,720	33,905	39,411	1.1	0.8	
EBIDTA	6,308	7,648	6,268	7,596	0.6	0.7	
PAT	3,848	4,743	3,818	4,705	0.8	0.8	

Source: BOBCAPS Research

Fig 10 – Key assumptions

Parameter	FY21	FY22E	FY23E	FY24E
Tiles volumes (msm)	75.4	89.0	102.4	115.7
Growth (%)	(3.37)	18.0	15.0	13.0
Tiles revenues (Rs mn)	25,328	30,547	35,129	40,093
Growth (%)	(2.8)	20.6	15.0	14.1
Sanitaryware/Faucetware revenues (Rs mn)	2,090	2,926	3,511	4,213
Growth (%)	19.9	40.0	20.0	20.0
Plywood revenues (Rs mn)	392	800	1,080	1,458
Growth (%)	35.4	104.3	35.0	35.0

Source: Company, BOBCAPS Research

Fig 11 – Peer comparison

Tieker	Reting Target		rrget Revenue CAGR EPS (Rs)		Rs)	ROE (Target	
licker	Rating	Price (Rs)	FY21-23E (%)	FY22E	FY23E	FY22E	FY23E	P/E (x)
KJC IN	HOLD	995	19.5	24.2	29.8	20.1	23.4	32
SOMC IN	BUY	640	16.4	21.8	29.1	13.2	15.3	22
MTLM IN	HOLD	230	18.7	9.2	11.3	23.0	22.9	20
CPBI IN	SELL	370	19.5	11.9	14.7	19.1	19.6	25
GREENP IN	BUY	315	25.1	12.2	16.4	14.3	18.6	18
CRS IN	HOLD	4,145	16.1	115.4	138.1	16.2	17.1	30
ASTRA IN	SELL	1,210	16.3	20.2	25.2	20.3	22.6	48
FNXP IN	HOLD	185	4.2	7.3	7.5	13.9	13.2	24
SI IN	HOLD	1,990	11.2	56.2	63.4	22.6	21.5	30
	SOMC IN MTLM IN CPBI IN GREENP IN CRS IN ASTRA IN FNXP IN	KJC INHOLDSOMC INBUYMTLM INHOLDCPBI INSELLGREENP INBUYCRS INHOLDASTRA INSELLFNXP INHOLD	HickerRatingPrice (Rs)KJC INHOLD995SOMC INBUY640MTLM INHOLD230CPBI INSELL370GREENP INBUY315CRS INHOLD4,145ASTRA INSELL1,210FNXP INHOLD185	Hicker Rating Price (Rs) FY21-23E (%) KJC IN HOLD 995 19.5 SOMC IN BUY 640 16.4 MTLM IN HOLD 230 18.7 CPBI IN SELL 370 19.5 GREENP IN BUY 315 25.1 CRS IN HOLD 4,145 16.1 ASTRA IN SELL 1,210 16.3 FNXP IN HOLD 185 4.2	Ticker Rating Price (Rs) FY21-23E (%) FY22E KJC IN HOLD 995 19.5 24.2 SOMC IN BUY 640 16.4 21.8 MTLM IN HOLD 230 18.7 9.2 CPBI IN SELL 370 19.5 11.9 GREENP IN BUY 315 25.1 12.2 CRS IN HOLD 4,145 16.1 115.4 ASTRA IN SELL 1,210 16.3 20.2 FNXP IN HOLD 185 4.2 7.3	Ticker Rating Price (Rs) FY21-23E (%) FY22E FY23E KJC IN HOLD 995 19.5 24.2 29.8 SOMC IN BUY 640 16.4 21.8 29.1 MTLM IN HOLD 230 18.7 9.2 11.3 CPBI IN SELL 370 19.5 11.9 14.7 GREENP IN BUY 315 25.1 12.2 16.4 CRS IN HOLD 4,145 16.1 115.4 138.1 ASTRA IN SELL 1,210 16.3 20.2 25.2 FNXP IN HOLD 185 4.2 7.3 7.5	Ticker Rating Price (Rs) FY21-23E (%) FY22E FY23E FY22E KJC IN HOLD 995 19.5 24.2 29.8 20.1 SOMC IN BUY 640 16.4 21.8 29.1 13.2 MTLM IN HOLD 230 18.7 9.2 11.3 23.0 CPBI IN SELL 370 19.5 11.9 14.7 19.1 GREENP IN BUY 315 25.1 12.2 16.4 14.3 CRS IN HOLD 4,145 16.1 115.4 138.1 16.2 ASTRA IN SELL 1,210 16.3 20.2 25.2 20.3 FNXP IN HOLD 185 4.2 7.3 7.5 13.9	Ticker Rating Price (Rs) FY21-23E (%) FY22E FY23E FY22E FY2E

Source: BOBCAPS Research



Key risks

Key upside risks to our estimates are:

- Benign raw material prices: Any abnormal decrease in prices of key raw materials (such as gas) which are not passed along will result in above-expected profitability.
- **Lower competition from informal sector:** A decline in competitive intensity from the unorganised market of Morbi will result in better profitability for KJC.
- Sharp improvement in housing demand: A better-than-anticipated revival in the housing sector may result in above-expected revenue and profitability.



Financials

Income Statement					
Y/E 31 Mar (Rs mn)	FY20A	FY21A	FY22E	FY23E	FY24E
Total revenue	28,080	27,809	34,273	39,720	45,764
EBITDA	4,159	5,088	6,308	7,648	8,882
Depreciation	(1,081)	(1,067)	(1,186)	(1,352)	(1,497)
EBIT	3,078	4,022	5,122	6,296	7,385
Net interest inc./(exp.)	(195)	(107)	(97)	(72)	(52)
Other inc./(exp.)	242	213	224	246	271
Exceptional items	0	0	0	0	0
EBT	3,125	4,127	5,249	6,470	7,603
Income taxes	(589)	(1,038)	(1,323)	(1,630)	(1,916)
Extraordinary items	0	0	0	0	0
Min. int./Inc. from assoc.	18	(9)	(79)	(97)	(114)
Reported net profit	2,553	3,081	3,848	4,743	5,573
Adjustments	0	0	0	0	0
Adjusted net profit	2,553	3,081	3,848	4,743	5,573

Y/E 31 Mar (Rs mn)	FY20A	FY21A	FY22E	FY23E	FY24E
Accounts payables	2,105	1,760	2,190	2,537	2,947
Other current liabilities	2,311	2,201	2,191	2,700	3,129
Provisions	288	313	338	363	388
Debt funds	1,171	971	721	521	321
Other liabilities	731	687	712	737	762
Equity capital	159	159	159	159	159
Reserves & surplus	16,984	18,530	19,491	20,677	22,070
Shareholders' fund	17,143	18,689	19,650	20,836	22,229
Total liab. and equities	24,386	25,266	26,527	28,515	30,711
Cash and cash eq.	2,350	4,477	1,496	592	247
Accounts receivables	3,967	4,317	5,164	5,985	6,896
Inventories	5,127	3,731	5,634	6,421	7,397
Other current assets	640	615	751	871	1,003
Investments	3	0	0	0	0
Net fixed assets	11,854	11,911	13,205	14,343	14,846
CWIP	257	50	70	80	80
Intangible assets	103	112	112	112	112
Deferred tax assets, net	15	13	0	0	0
Other assets	70	40	94	111	129
Total assets	24,386	25,266	26,527	28,515	30,711

Cash Flows

Y/E 31 Mar (Rs mn)	FY20A	FY21A	FY22E	FY23E	FY24E
Cash flow from operations	2,472	4,963	2,783	5,410	6,072
Capital expenditures	(1,213)	(1,012)	(2,500)	(2,500)	(2,000)
Change in investments	0	0	0	0	0
Other investing cash flows	0	3	0	0	0
Cash flow from investing	(1,213)	(1,009)	(2,500)	(2,500)	(2,000)
Equities issued/Others	0	0	0	0	0
Debt raised/repaid	222	(201)	(250)	(200)	(200)
Interest expenses	(195)	(107)	(97)	(72)	(52)
Dividends paid	(1,150)	(1,591)	(2,886)	(3,557)	(4,180)
Other financing cash flows	(310)	72	(31)	14	15
Cash flow from financing	(1,433)	(1,827)	(3,264)	(3,815)	(4,417)
Chg in cash & cash eq.	(174)	2,127	(2,981)	(905)	(344)
Closing cash & cash eq.	2,350	4,477	1,496	592	247

Y/E 31 Mar (Rs)	FY20A	FY21A	FY22E	FY23E	FY24E
Reported EPS	16.1	19.4	24.2	29.8	35.1
Adjusted EPS	16.1	19.4	24.2	29.8	35.1
Dividend per share	3.0	10.0	14.5	17.9	21.0
Book value per share	107.9	117.6	123.6	131.1	139.9
Valuations Ratios					
Y/E 31 Mar (x)	FY20A	FY21A	FY22E	FY23E	FY24E
EV/Sales	5.8	5.8	4.7	4.1	3.6
EV/EBITDA	39.2	31.9	25.5	21.1	18.4
Adjusted P/E	64.0	53.1	42.5	34.5	29.3
P/BV	9.5	8.7	8.3	7.8	7.4
DuPont Analysis					
Y/E 31 Mar (%)	FY20A	FY21A	FY22E	FY23E	FY24E
Tax burden (Net profit/PBT)	81.7	74.6	73.3	73.3	73.3
Interest burden (PBT/EBIT)	101.5	102.6	102.5	102.8	103.0
EBIT margin (EBIT/Revenue)	11.0	14.5	14.9	15.9	16.1
Asset turnover (Rev./Avg TA)	116.7	112.0	132.3	144.3	154.
Leverage (Avg TA/Avg Equity)	1.5	1.4	1.4	1.4	1.4
Adjusted ROAE	15.5	17.2	20.1	23.4	25.9
Ratio Analysis					
Y/E 31 Mar	FY20A	FY21A	FY22E	FY23E	FY24E
YoY growth (%)					
Revenue	(5.0)	(1.0)	23.2	15.9	15.2
EBITDA	(7.5)	22.3	24.0	21.2	16.1
Adjusted EPS	10.3	20.6	24.9	23.3	17.5
Profitability & Return ratios (%)					
EBITDA margin	14.8	18.3	18.4	19.3	19.4
EBIT margin	11.0	14.5	14.9	15.9	16.
Adjusted profit margin	9.1	11.1	11.2	11.9	12.
Adjusted ROAE	15.5	17.2	20.1	23.4	25.
ROCE	13.8	15.3	18.5	21.8	24.

Aujusteu NOAL	10.0	17.2	20.1	20.4	20.0
ROCE	13.8	15.3	18.5	21.8	24.2
Working capital days (days)					
Receivables	57	54	50	51	51
Inventory	83	81	72	81	81
Payables	38	31	26	27	27
Ratios (x)					
Gross asset turnover	1.5	1.4	1.6	1.6	1.7
Current ratio	2.1	2.7	2.5	2.3	2.3
Net interest coverage ratio	15.8	37.5	52.8	87.4	141.8
Adjusted debt/equity	(0.1)	(0.2)	0.0	0.0	0.0

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



Disclaimer

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

BUY - Expected return >+15%

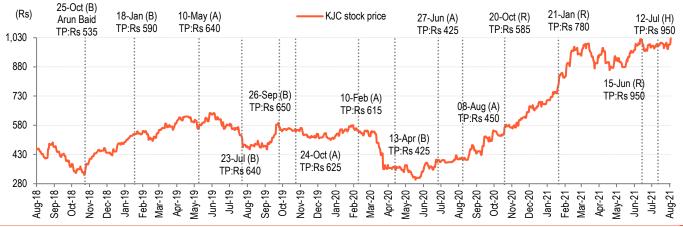
HOLD – Expected return from -6% to +15%

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): KAJARIA CERAMICS (KJC IN)



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

Rating distribution

As of 31 July 2021, out of 98 rated stocks in the BOB Capital Markets Limited (BOBCAPS) coverage universe, 41 have BUY ratings, 22 have HOLD ratings, 11 are rated ADD*, 2 are rated REDUCE* and 22 are rated SELL. None of these companies have been investment banking clients in the last 12 months. (*Our ADD and REDUCE ratings are in the process of being migrated to the new recommendation structure.)

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 BOBCAPS.

General disclaimers

BOBCAPS is engaged in the business of Institutional 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 has obtained registration as a Research Entity under SEBI (Research Analysts) Regulations, 2014, having registration No.: INH000000040 valid till 03 February 2025. BOBCAPS is also a SEBI-registered intermediary for the broking business having SEBI Single Registration Certificate No.: INZ000159332 dated 20 November 2017. BOBCAPS CIN Number: U65999MH1996GOI098009.

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 where such an offer or solicitation would be illegal. 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

KAJARIA CERAMICS



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.

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 act as market makers or assume an underwriting commitment in the securities of companies discussed in this 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.

In the US, this material is only for Qualified Institutional Buyers as defined under rule 144(a) of the Securities Act, 1933. No part of this document may be distributed in Canada or used by private customers in the United Kingdom.

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 in the past 12 months. 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.