#### Target: ₹ 980 (16%) Target Period: 12 months

May 20, 2023

# Record high capacity utilisation rate drives outperformance...

**About the stock**: Ramco Cements is the **dominant player in South India** with cement capacity of 22 MT spread across Tamil Nadu, Andhra Pradesh, Odisha and West Bengal. In terms of sales, south contributes ~75% of sales while east contributes 25%, which is served via grinding units in West Bengal (2 MT) and Andhra Pradesh (2 MT).

- The company also has a windmill capacity of 166 MW, captive thermal power plants of 175 MW and 40 MW of WHRS
- Self-reliance on power, split grinding units near markets and focus on green power have helped the company to remain a cost efficient player in South India

**Q4FY23 Results**: Ramco Cements' Q4FY23 print was a strong beat on our and consensus estimates mainly driven by record high-capacity utilisation rates (85% vs. 66% in Q4FY22).

- Reported robust topline growth of 50% YoY to ₹ 2572 crore mainly driven by volume growth of 47% YoY to 4.7 MT. With the pricing environment remaining soft especially in deep south markets (Chennai & Kerala markets), the company's blended realisation declined by ₹ 160/t (QoQ) to ₹ 5473/t
- With positive operating leverage kicking in, EBITDA/t improved by ₹ 83/t (QoQ) to ₹ 876/t
- Finance cost and depreciation expense increased by 130% and 30% YoY, respectively, owing to commissioning of Jayanthipuram Line-3, integrated plant at Kolimigundla and Line-3 at RR Nagar. Subsequently, PAT grew 22% YoY to ₹ 150.9 crore

What should investors do? The stock price of Ramco Cement in the recent times has been volatile owing to concerns regarding high debt levels (debt/EBITDA: 3.8x) and increased capex over the past two years (₹ 3600+ crore in FY22-23). With capex intensity reducing, going forward (FY24 guidance: ₹ 892 crore) and the company generating higher OCF, we expect b/s deleveraging to pick up pace in FY24-25E.

• With key growth and margin levers intact, we believe in the medium-term company's key focus area will be on consolidating the recently expanded capacities. We upgrade our rating from HOLD to **BUY** on the stock

Target Price and Valuation: We value Ramco at ₹ 980 i.e. ~12x FY25E EV/EBITDA.

#### Key triggers for future price performance:

- We build in sales, volume growth of 16% and 8% YoY to 17.3 MT and 18.7 MT in FY24, FY25E, respectively
- With softening of fuel prices and other cost saving initiatives (installation of WHRS & railway siding at Kurnool) we expect overall COP to decline by ₹ 300/t during FY23-25E and expect the company to clock in EBITDA/t of ₹ 1157/t by FY25E

Alternate Stock Idea: Apart from Ramco, in our cement sector coverage we also like UltraTech. BUY with a target price of ₹ 9000/share

Key Financials	FY19	FY20	FY21	FY22	FY23 <sup>4 Y</sup>	ear CAGR (%)	FY24E	FY25E	2 Year CAGR (%
Net Sales	5146	5389	5268	5980	8157	12.2	9434	10334	12.0
EBITDA	1055	1147	1548	1284	1186	3.0	1777	2158	34.9
EBITDA (%)	20.5	21.3	29.4	21.5	14.5		18.8	20.9	
Adjusted PAT	523	601	761	587	342		738	1016	
EPS (₹)	22	26	32	25	14		31	43	
ev/ebitda	20.2	19.9	14.7	18.3	20.3		13.4	10.7	
EV/Tonne (\$)	196	152	146	152	138		131	122	
RoNW	11.7	12.2	13.3	8.9	5.0		9.6	11.7	
RoCE	12.9	10.7	13.9	9.5	5.1		8.2	10.0	

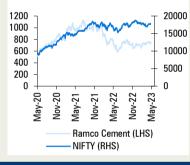


BUY

Particulars	
Particulars	Amount (₹ crore)
Market Capitalisation	19790.4
Total Debt (FY23)	4488.0
Cash (FY23)	199.0
EV	24079.4
52 week H/L (₹)	849/575
Equity Capital	23.6
Face Value (₹)	1.0

Shareho	hareholding pattern								
(in % )	Jun-22	Sep-22	Dec-22	Mar-23					
Promoter	42.3	42.3	42.3	42.3					
FII	6.9	6.6	7.1	7.6					
DII	36.8	37.1	35.6	35.9					
Others	14.0	13.9	14.9	14.3					





#### Key risks

- Slowdown in demand impacting capacity utilisations rates
- Volatility in prices of key inputs like coal/petcoke

#### **Research Analyst**

Cheragh Sidhwa Cheragh.sidhwa@icicisecurities.com

Bharat Chhoda Bharat.chhoda@icicisecurities.com Result Update

#### Key performance highlights

- Ramco reported robust volume growth of 47% YoY to 4.7 MT (I-direct estimate: 3.9 MT) with capacity utilisation rate coming in at 85% vs. 66% in Q4FY22. Cement demand in the south (volume share: 76%) remained strong driven by B2B business (particularly road projects). Demand in east (volume share: 24%) was relatively softer in B2C segment. With the pricing environment remaining soft, especially in deep south markets (Chennai & Kerala markets), the company's blended realisation declined by ₹ 160/t (QoQ) to ₹ 5473/t (I-direct estimate: ₹ 5445/t). The company recorded healthy topline growth of 50% YoY to ₹ 2572 crore (I-direct estimate: ₹ 2132.4 crore). The management remains upbeat on outlook and has guided for 20% YoY volume growth in FY24E (leading to market share gains)
- Power & fuel cost declined by ₹ 332/t (QoQ) to ₹ 1635/t as blended fuel consumption per ton declined to \$178 (Q3FY23: \$191, Q4FY22: \$162). Cost per Kcal declined from ₹ 2.43/Kcal to ₹ 2.21/Kcal (QoQ). In the fuel mix, the company continued higher usage of pet coke (56%), followed by imported coal (31%) and AFR (13%). Enhanced focus on green power with share increasing 700 bps YoY to 23%. Operation of WHRS increased to 40 MW
- Freight cost remain stubborn at ₹ 1302/t (including internal clinker freight) in Q4FY23 owing to increased inter-unit clinker movement to grinding plants. Average lead distance was at 310 km (Q4FY22: 326 km, Q3FY23: 299 km). Busy season surcharge of 15% re-imposed by Railways impacted cost by ₹ 25/t in Q4FY23
- With positive operating leverage kicking in, EBITDA/t improved by ₹ 83/t (QoQ) to ₹ 876/t (I-direct estimate: ₹ 794/t). The profitability improvement is encouraging despite weak realisations.

#### Updates on ongoing projects

- Kurnool integrated unit: Clinker capacity of 2.5 MTPA & cement capacity of 1.5 MTPA commenced commercial production from June 16, 2022 & September 23, 2022, respectively and achieved clinker capacity utilisation of ~83% in Q4FY23
- WHRS capacity of 8 MW in Kurnool was commissioned during FY23 while the balance 4 MW will be commissioned in May 2023. TPP of 18 MW and railway siding will be commissioned in FY24
- Odisha Grinding Unit Line II with cement capacity of 0.9 MTPA is expected to be commissioned during H2FY24
- RRN Line III with clinker capacity of 1.04 MTPA and cement capacity of 1 MTPA commissioned in March 2023
- During Q4, the company incurred capex worth ₹ 390 crore while for the full year (FY23), capex was at ₹ 1765 crore
- The management has reiterated its capex guidance of ₹ 892 crore for FY24E (details in exhibit 4). If the demand scenario continues to remain conducive, the company may accelerate capacity addition. It will first opt for brownfield at Kurnool (line-2 for capex of ₹ 900 crore) followed by greenfield in Karnataka

Current demand for cement is healthy in IHB as well as in infra segments. The cement demand in the medium term is expected to be resilient in view of the government's focus on infra spend, upcoming elections and forecast of normal monsoon for 2023. The company exited the year with healthy utilisation rates (FY23: 68%). Going forward, we build in average utilisation rate of 76-78% for FY24-25E. The CIF spot pet coke prices are now trending at lower levels at US\$125 (vs. US\$178 in February 2023). The benefit of the same is expected to flow from Q2FY24E. We expect overall COP to decline by ₹ 300/t. Subsequently, we build in EBITDA/t of ₹ 1100+ by FY25E. On the balance sheet front, the company generated OCF of ₹ 1400 crore and incurred capex of ₹ 1765 crore (negative FCF: ₹ 365 crore). Owing to healthy profitability and WC release, the company has managed to reduce net debt by ₹ 205 crore (on a QoQ) basis to ₹ 4351 crore. With capex intensity to reduce, going forward (FY24 guidance: ₹ 892 crore) and the company generating higher OCF, we expect b/s deleveraging to pick up pace in FY24E. We build in debt reduction to the tune of ₹ 290 crore in FY24E and ₹ 660 crore in FY25E (provided capex gets restricted to ~ ₹ 2000 crore over the next two years). Expect RoCE to improve gradually in double digits to 10% in FY25E.

Ramco Cement - ESG Disclosure Score*								
Score	FY20	FY21	FY22					
Enviromental	13.4	13.4	NA					
Social	31.4	36.8	NA					
Governance	78.6	78.6	NA					
Overall ESG Score	41.2	43.0	NA					

Source: Blomberg, ICICI Direct Research, \*Score ranges from 0 - 100 with a higher score indicating higher ESG disclosures

Exhibit 1: Variance A	Anal <u>ysi</u> s						
Particulars	Q4FY23	Q4FY23E	Q4FY22	YoY (%)	Q3FY23	QoQ (%)	Comments
Net Sales	2,572.5	2,123.4	1,709.1	50.5	2,011.6	27.9	
Other income	11.0	10.0	9.9	11.2	8.8	25.3	
Raw Material Expenses	418.5	214.5	208.0	101.2	188.5	122.0	
Employee Expenses	118.4	120.0	94.3	25.6	119.1	-0.6	
Power and fuel	768.6	737.1	466.8	64.7	702.3	9.4	
Freight	612.0	507.0	412.0	48.6	485.3	26.1	
Others	243.4	235.0	233.0	4.5	233.3	4.3	
Total cost of production	2,160.9	1,813.6	1,414.0	52.8	1,728.5	25.0	
EBITDA	411.7	309.8	295.1	39.5	283.1	45.4	
EBITDA Margin (%)	16.0	14.6	17.3	-127 bps	14.1	193 bps	
Interest	77.2	62.0	33.4	130.8	60.8	26.8	
Depreciation	140.9	137.0	107.5	31.1	136.3	3.4	
PBT	204.6	120.8	164.1	24.7	94.8	115.9	
Total Tax	53.7	32.0	40.0	34.2	29.1	84.4	
Reported PAT	150.9	88.8	124.1	21.6	65.6	129.9	
Key Metrics							
Volume (MT)	4.70	3.90	3.19	47.2	3.57	31.7	Reported record high CU of 85% vs. 66% in Q4FY22
Realisation (₹)	5,473	5,445	5,354	2.2	5,635	-2.9	With pricing environment remaining soft especially in deep south markets (Chennai & Kerala markets), company's blended realisation declined by ₹ 160/t (QoQ)
EBITDA per Tonne (₹)	876	794	925	-5.3	793	10.5	
Per tonne Analysis	Q4FY23	14FY23E	Q4FY22	YoY (%)	Q3FY23	QoQ (%)	
Net Sales	5,473	5,445	5,354	2.2	5,635	-2.9	
Raw Material Expenses	890	550	652	36.6	528	68.6	Higher RM costs owing to additional incidence of freight on increased inter-unit clinker movement to grinding plants.
Employee Expenses	252	308	295	-14.7	334	-24.5	
Power and fuel	1,635	1,890	1,462	11.8	1,967	-16.9	Power & Fuel cost declined by ₹ 332/t (QoQ) as blended fuel consumption per ton declined to \$ 178 (Q3FY23: \$ 191, Q4FY22: \$ 162). Cost per Kcal declined from ₹ 2.43/Kcal to ₹ 2.21/Kcal (QoQ).
Freight	1,302	1,300	1,291	0.9	1,359	-4.2	Re-imposition of busy season surcharge by rail led to increase in the freight cost
Others	518	603	730	-29.0	654	-20.8	
ouncia							

Source: Company, ICICI Direct Research

#### Exhibit 2: Change in estimates

Exhibit 2. Onding						
	FY24E		FY25E			
	Old	New	% Change	Intoduced		
Revenue	8,406.6	9,433.8	12.2	10,333.8		
EBITDA	1,705.6	1,776.9	4.2	2,157.6		
EBITDA Margin (%)	20.3	18.8	-145 bps	20.9		

## Financial story in charts

Exhibit 3: Capacity across r Integrated unit	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
RR Nagar, Tamil Nadu (1 MT of							
Cement & 1.04 MT of Clinker added	2.0	2.0	2.0	2.0	3.0	3.0	3.0
n FY23)							
Alathiyur, Tamil Nadu	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Ariyalur, Tamil Nadu	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Jayanthipuram, AP (1.5MT clinker	3.7	3.7	3.7	3.7	3.7	3.7	3.7
init added in June-21)	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Curnool, Andhra Pradesh (1.5 MT of							
ement & 2.5 MT of Clinker added in					1.5	1.5	1.5
Y23)							
otal [A]	12.2	12.2	12.2	12.2	14.7	14.7	14.7
rinding Unit							
Ithiramerur, Tamil Nadu	0.5	0.5	0.5	0.5	0.5	0.5	0.5
alem, Tamil Nadu	1.6	1.6	1.6	1.6	1.6	1.6	1.6
olaghat, West Bengal	1.0	2.0	2.0	2.0	2.0	2.0	2.0
'izag, Andhra Pradesh	1.0	2.0	2.0	2.0	2.0	2.0	2.0
ajpur Odisha Grinding Unit			0.9	0.9	0.9	1.8	1.8
/lathodu, Karnataka	0.5	0.5	0.2	0.2	0.2	0.2	0.2
3ommanahalli, Karnataka (nascent							1.0
tage)							1.0
otal [B]	4.6	6.6	7.2	7.2	7.2	8.1	9.1
otal Capacity [A+B]	16.8	18.8	19.4	19.4	21.9	22.8	23.8

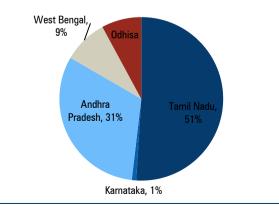
Source: Company, ICICI Direct Research

#### Exhibit 4: Detailed capex break-up

Destin Law	Spent ₹	in Crores	Guidance 🖣	in Crores
Particulars	Q2FY23	H1FY23	H2FY23	FY24
Kolimigundala Integrated Unit				
Cement plant, WHRS, TPP	115	264	60	100
<ul> <li>Railway Siding</li> </ul>	28	51	91	100
Township	13	25	18	-
RR Nagar Modernization	139	274	125	40
Limestone Benefication Plant at RRN	18	29	15	7
Infrastructure in Budawada Mines	48	72	72	20
Dry Mortar capacity expansion	26	60	80	75
Jayanthipuram Line III	14	47	37	-
Mining land and development	23	42	25	50
Lands for Bommanahalli project	-	-	100	250
Expansion of Odisha GU	-	-	30	100
Maintenance Capex	80	122	78	150
Total	504	986	731	892

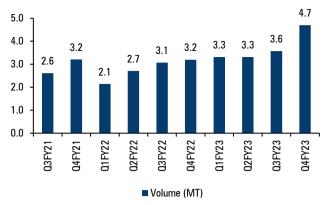
Source: Company, ICICI Direct Research

#### Exhibit 5: Regional capacity mix



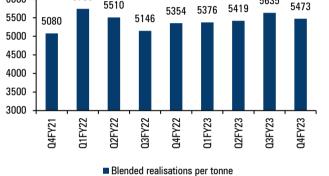
#### Result Update | The Ramco Cements





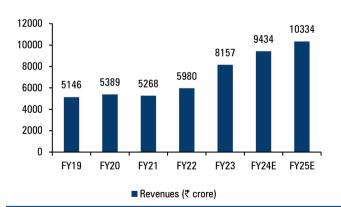
Source: Company, ICICI Direct Research

Exhibit 8: Realisations declined owing to weak pricing environment in deep south markets...



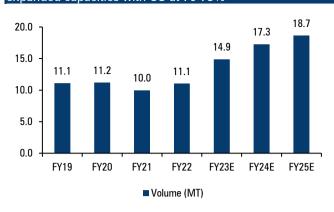
Source: Company, ICICI Direct Research

Exhibit 10: Revenues to grow at 13% CAGR over FY23-25E



Source: Company, ICICI Direct Research

Exhibit 7: Volume growth to be in double digits owing to expanded capacities with CU at 76-78%



Source: Company, ICICI Direct Research

two years

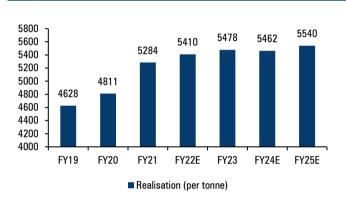
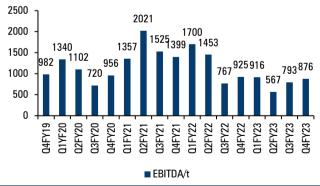


Exhibit 9: ... hence, we build in flattish realisation over next

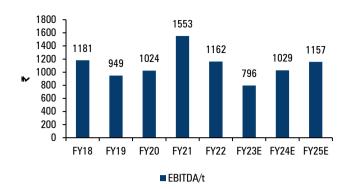
Source: Company, ICICI Direct Research

Exhibit 11: EBITDA/t improves QoQ owing to positive operating leverage and reduction in fuel costs

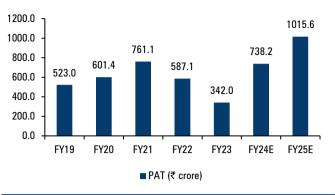


### Result Update | The Ramco Cements





#### Exhibit 13: PAT trend



Source: Company, ICICI Direct Research

# **Financial Summary**

Exhibit 14: Profit	& Loss Ac	count				
(Year-end March)	FY21	FY22	FY23E	FY24E	FY25E	
Operating Income	5,268.4	5,980.0	8,157.3	9,433.8	10,333.8	
Growth (%)	-2.2	13.5	36.4	15.6	9.5	
Raw material cost	703.5	715.5	1014.2	1243.6	1436.4	
Employee Expenses	402.1	414.5	468.7	506.1	546.6	
Power, Oil & Fuel	794.7	1388.8	2661.6	2590.9	2611.6	
Freight cost	1187.9	1389.3	1931.8	2366.3	2555.6	
Other Expenses	632.2	788.1	895.5	950.0	1026.0	
Total Operating Exp.	3,720.5	4,696.1	6,971.7	7,656.9	8,176.2	
EBITDA	1,548.0	1,283.8	1,185.6	1,776.9	2,157.6	
Growth (%)	34.9	-17.1	-7.7	49.9	21.4	
Depreciation	355.3	400.8	506.0	591.6	627.6	
Interest	87.6	112.4	240.5	230.9	204.8	
Other Income	34.6	30.6	32.9	32.0	32.0	
PBT	1,139.7	801.2	472.0	986.5	1,357.2	
Total Tax	378.6	-91.5	130.0	248.3	341.6	
PAT	761.1	892.7	342.0	738.2	1,015.6	
Adjusted PAT	761.1	587.1	342.0	738.2	1,015.6	
Growth (%)	26.6	-22.9	-41.8	115.8	37.6	
EPS (₹)	32.3	37.8	14.5	31.2	43.0	

(Year-end March)	FY21	FY22	FY23E	FY24E	FY25E
Profit after Tax	761.1	892.7	342.0	738.2	1,015.6
Add: Depreciation	355.3	400.8	506.0	591.6	627.6
(Inc)/dec in Current Assets	159.2	-213.8	-187.7	-362.1	-56.7
Inc/(dec) in CL and Provisions	651.4	-12.0	636.0	186.9	126.4
CF from operating activities	1,927.0	1,067.8	1,296.4	1,154.5	1,712.9
(Inc)/dec in investment	-24.4	24.5	25.8	-12.2	-15.5
(Inc)/dec in Fixed Assets	-1,915.2	-1,888.7	-1,788.5	-973.1	-1,000.0
Others	67.4	8.2	0.0	5.1	5.0
CF from investing activities	-1,872.3	-1,856.0	-1,762.7	-980.3	-1,010.6
Issue/(Buy back) of Equity	0.0	0.0	0.0	0.0	0.0
Inc/(dec) in loan funds	-60.7	828.2	557.5	-289.8	-666.5
Others	58.3	-5.4	-99.3	47.3	0.0
CF from financing activities	-2.3	822.9	458.2	-242.5	-666.5
Opening Cash	91.4	143.8	178.5	170.3	102.0
Closing Cash	143.8	178.5	170.4	102.0	137.9

Source: Company, ICICI Direct Research

Source: Company, ICICI Direct Research

(Year-end March)	FY21	FY22	FY23E	FY24E	FY25E
Liabilities					
Equity Capital	23.6	23.6	23.6	23.6	23.6
Reserve and Surplus	5,714.4	6,601.7	6,844.4	7,629.9	8,645.5
Total Shareholders fund	5,738.0	6,625.4	6,868.1	7,653.5	8,669.1
Total Debt	3,101.7	3,930.0	4,487.4	4,197.6	3,531.2
Deferred Tax Liability	1,083.5	822.3	927.4	973.8	1,022.5
Non Current Liabilities	43.5	51.3	69.5	68.5	67.4
Total Liabilities	9,966.7	11,428.9	12,352.4	12,893.4	13,290.2
Assets					
Gross Block	10,524.1	11,625.9	14,532.4	16,432.4	17,432.4
Less: Acc Depreciatior	3,747.9	4,050.4	4,556.4	5,148.0	5,775.5
Net Block	6,776.1	7,575.5	9,976.0	11,284.5	11,656.9
Capital WIP	2,325.5	2,992.2	1,926.9	1,000.0	1,000.0
Total Fixed Assets	9,101.6	10,567.6	11,902.9	12,284.5	12,656.9
Intangible Assets	87.0	108.8	150.0	150.0	150.0
Investments	451.9	427.5	401.6	413.8	429.4
Inventory	599.3	834.5	883.6	1,085.5	1,132.5
Debtors	375.9	350.7	465.1	568.6	537.9
Loans and Advances	14.6	13.6	12.8	28.3	31.0
Other Current Assets	325.3	330.1	355.1	396.2	434.0
Cash	143.8	178.5	170.3	102.0	137.9
Total Current Assets	1,458.9	1,707.4	1,886.9	2,180.7	2,273.3
Creditors	364.5	490.7	638.6	775.4	849.4
Other Current Liability	1,123.7	1,238.9	1,603.7	1,608.5	1,613.3
Total Current Liabiliti	1,488.2	1,729.6	2,242.3	2,383.9	2,462.7
Net Current Assets	-29.3	-22.2	-355.4	-203.2	-189.4
Other NCA	355.5	347.3	253.3	248.2	243.3
Application of Funds	9,966.7	11,428.9	12,352.4	12,893.4	13,290.2

(Year-end March)	FY21	FY22	FY23E	FY24E	FY25E
Per share data (₹)					
Adjusted EPS	32.3	37.8	14.5	31.2	43.0
Cash EPS	47.3	54.7	35.9	56.3	69.5
BV	243.2	280.4	290.7	323.9	366.9
DPS	3.0	3.0	3.0	2.0	0.0
Cash Per Share	6.1	7.6	7.2	4.3	5.8
Operating Ratios (%)					
EBITDA Margin	29.4	21.5	14.5	18.8	20.9
PAT Margin	14.4	9.8	4.2	7.8	9.8
Inventory days	41.5	50.9	39.5	42.0	40.0
Debtor days	26.0	21.4	20.8	22.0	19.0
Creditor days	25.3	30.0	28.6	30.0	30.0
Return Ratios (%)					
RoE	13.3	8.9	5.0	9.6	11.7
RoCE	13.9	9.5	5.1	8.2	10.0
RolC	11.1	12.1	5.5	8.2	10.2
Valuation Ratios (x)					
P/E	26.0	22.2	58.0	26.9	19.5
ev / Ebitda	14.7	18.3	20.3	13.4	10.7
EV / Net Sales	4.3	3.9	3.0	2.5	2.2
Market Cap / Sales	3.8	3.3	2.4	2.1	1.9
Price to Book Value	3.5	3.0	2.9	2.6	2.3
Solvency Ratios					
Debt/EBITDA	2.0	3.1	3.8	2.4	1.6
Debt / Equity	0.5	0.6	0.7	0.5	0.4
Current Ratio	1.1	1.1	0.9	1.0	1.0
Quick Ratio	0.7	0.6	0.5	0.5	0.5

# **RATING RATIONALE**

ICICI Direct endeavours to provide objective opinions and recommendations. ICICI Direct assigns ratings to its stocks according to their notional target price vs. current market price and then categorizes them as Buy, Hold, Reduce and Sell. The performance horizon is two years unless specified and the notional target price is defined as the analysts' valuation for a stock

Buy: >15% Hold: -5% to 15%; Reduce: -15% to -5%; Sell: <-15%



Pankaj Pandey

Head – Research

ICICI Direct Research Desk, ICICI Securities Limited, Third Floor, Brillanto House, Road No 13, MIDC, Andheri (East) Mumbai – 400 093 research@icicidirect.com pankaj.pandey@icicisecurities.com

#### ANALYST CERTIFICATION

I I We, Cheragh Sidhwa, MBA, Bharat Chhoda, MBA, Research Analysts, authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report. It is also confirmed that above mentioned Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months and do not serve as an officer, director or employee of the companies mentioned in the report.

#### Terms & conditions and other disclosures:

ICICI Securities Limited (ICICI Securities) is a full-service, integrated investment banking and is, inter alia, engaged in the business of stock brokering and distribution of financial products.

ICICI Securities is Sebi registered stock broker, merchant banker, investment adviser, portfolio manager and Research Analyst. ICICI Securities is registered with Insurance Regulatory Development Authority of India Limited (IRDAI as a composite corporate agent and with PFRDA as a Point of Presence. ICICI Securities Limited Research Analyst SEBI Registration Number – INH000000990. ICICI Securities Limited SEBI Registration is INZ000183631 for stocl broker. Registered Office Address: ICICI Venture House, Appasaheb Marathe Marg, Prabhadevi, Mumbai - 400 025. CIN: L67120MH1995PLC086241, TeI: (91 22) 6807 7100. ICICI Securities is a subsidiary of ICICI Bank which is India's largest private sector bank and has its various subsidiaries engaged in businesses of housing finance, asset management, life insurance, general insurance, venture capital fund management, etc. ("associates"), the detail: in respect of which are available on <u>www.icicibank.com</u>.

#### 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. None of the research recommendations promise or guarantee an assured, minimum or risk-free return to the investors.

Name of the Compliance officer (Research Analyst): Mr. Anoop Goyal

Contact number: 022-40701000 E-mail Address: complianceofficer@icicisecurities.com

For any queries or grievances: Mr. Prabodh Avadhoot Email address: headservicequality@icicidirect.com Contact Number: 18601231122

ICICI Securities is one of the leading merchant bankers/ underwriters of securities and participate in virtually all securities trading markets in India. We and our associates might have investment banking and other business relationship with a significant percentage of companies covered by our Investment Research Department. ICICI Securities and its analysts, persons reporting to analysts and their relatives are generally prohibited from maintaining a financia interest in the securities or derivatives of any companies that the analysts cover. Recommendation in reports based on technical and derivative analysis centre on studying charts of a stock's price movement, outstanding positions trading volume etc as opposed to focusing on a company's fundamentals and, as such, may not match with the recommendation in fundamental reports. Investors may visit icicidirect.com to view the Fundamental and Technica Research Reports. Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein. ICICI Securities Limited has two independent equity researcl groups: Institutional Research and Retail Research. This report has been prepared by the Retail Research. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates rating, and target price of the Institutional Research. The information and opinions in this report have been prepared by ICICI Securities and are subject to change without any notice. The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prio written consent of ICICI Securities. While we would endeavour to update the information herein on a reasonable basis, ICICI Securities is under no obligation to update or keep the information current. Also, there may

This report is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This report and information hereir is solely for informational purpose and shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Though disseminated to all the customer simultaneously, not all customers may receive this report at the same time. ICICI Securities will not treat recipients as customers by virtue of their receiving this report. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, whe must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. The recipient should independently evaluate the investment risks. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. ICICI Securities accepts no liabilitie: whatsoever for any loss or damage of any kind arising out of the use of this report. Past performance is not necessarily a guide to future performance. Investors are advised to see Risk Disclosure Document to understand the risk: associated before investing in the securities markets. Actual results may differ materially from those set forth in projections. Forward-looking statements are not predictions and may be subject to change without notice. ICICI Securitie or its associates might have managed or co-managed public offering of securities for the subject company or might have been mandated by the subject company for any other assignme

ICICI Securities or its associates might have received any compensation from the companies mentioned in the report during the period preceding twelve months from the date of this report for services in respect of managing or co managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory service in a merger or specific transaction. ICICI Securities or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the companies mentioned in the report in the past twelve months.

ICICI Securities encourages independence in research report preparation and strives to minimize conflict in preparation of research report. ICICI Securities or its associates or its analysts did not receive any compensation or othe benefits from the companies mentioned in the report or third party in connection with preparation of the research report. Accordingly, neither ICICI Securities nor Research Analysts and their relatives have any material conflict o interest at the time of publication of this report.

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. ICICI Securities or its subsidiaries collectively or Research Analysts or their relatives due not own 1% or more of the equity securities of the Company mentioned in the report as of the last day of the month preceding the publication of the research report.

Since associates of ICICI Securities and ICICI Securities as a entity are engaged in various financial service businesses, they might have financial interests or actual/beneficial ownership of one percent or more or other material conflic of interest various companies including the subject company/companies mentioned in this report. CICI Securities may have issued other reports that are inconsistent with and reach different conclusion from the information presenter in this report. Neither the Research Analysts nor ICICI Securities have been engaged in market making activity for the companies mentioned in the report.

We submit that no material disciplinary action has been taken on ICICI Securities by any Regulatory Authority impacting Equity Research Analysis activities.

This report is not directed 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, regulation or which would subject ICICI Securities and affiliates to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in al jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction.