**RESULT REPORT Q2 FY25** | Sector: Building Materials

# **Greenply Industries Ltd**

## Steady performance; maintain BUY!

## **Result Synopsis**

Greenply Industries Ltd (MTLM) reported a steady growth in Q2FY25, which was largely in-line with our estimates. Plywood volumes grew by 6%YoY & 14%QoQ (2-year CAGR stood at 8%). Incrementally, ASP improved by 2%YoY & 2%QoQ to Rs251/sqm. For H1FY25, plywood volumes increased by 7%YoY and revenue grew by 9%YoY. Operating margins expanded marginally from 7.6%/7.9% in Q2FY24/Q1FY25 to 8.3% in Q2FY25, however. higher input costs continue to weigh on margins. For H1FY25, plywoods EBITDA margins came in at 8.1%. Contribution of own manufacturing volumes improved from 53% in Q2FY24 to 56% in Q2FY25 & in revenue terms, own manufacturing constituted 64% Vs 63% in Q2FY24.

MDF volumes were subdued at 40,553cbm, largely owing to plant shutdown taken in Sep'24. ASP improved to Rs31,169/cbm Vs Rs30,826/cbm in previous quarter. Soft volume off-take due to plant shutdown and higher input cost led to reduction in operating margins to 11.8% Vs 16.7% in Q1FY25. For H1FY25 operating margins came in at 14.3%. In Q2FY25, Base MDF constituted 86% of volumes & 82% of revenue while Pre-lam MDF constituted 14% of volumes & 18% of revenue. NWC-days for MDF segment improved to 25-days Vs 38-days in Q1FY25.

## **Management Guidance**

For Plywoods, management maintained their guidance of 8-10%YoY growth and for MDFs, management remains confident of achieving a 50%YoY growth in FY25 with EBITDA margins of 16%. Total debt as on FY25 should stand at Rs4.5Bn.

### **Our View**

We remain positive on Greenply's growth trajectory and expect Plywood biz to grow by 8%CAGR owing to growing demand for woodpanel products on the back of realestate inventory reaching the handover phase. Moreover, operating margins are likely to improve by ~150bps over FY24-FY27E to 10%, on account of better product-mix and timber prices likely to soften from FY26 end. MDF division has registered a strong performance since commencement, and we reckon volumes to grow by 29%CAGR with company expanding its presence across regions backed by commencement of VAP-line by FY25 end. We have factored-in 18% operating margins for FY26E & FY27E. Incrementally, furniture & fixture JV's phase-1 is likely to start operations from Nov'24 which is expected to be EPS accretive from FY27E. Hence, we expect overall Revenue/EBITDA/PAT to grow by 13%/27%/38% respectively over FY24-FY27E. We value the company at P/E(x) of 25x on FY27E EPS of Rs18.4, arriving at a target price of Rs461. Hence, we retain Greenply as our top-pick with a BUY rating on the stock.

## **Result Highlights**

 Sales stood at Rs6.40Bn (5% above est), a growth of 13%YoY & 10%QoQ (2-year CAGR stood at 14%).

**Exhibit 1: Actual vs estimates** 

Rs mn	Actual	Est	imate	% Va	riation	Remarks
KS MIN	Actuai	YES Sec	Consensus	YES Sec	Consensus	Remarks
Sales	6,405	6,080	6,395	5.3	0.2	
EBITDA	576	621	645	(7.2)	(10.6)	Revenue above
EBITDA Margin (%)	9.0	10.2	10.1	(121 bps)	(109 bps)	estimates but miss on profitability.
Adjusted PAT	176	318	350	(44.8)	(49.8)	promability.

Source: Company, YES Sec



Reco	:	BUY
СМР	:	Rs 348
Target Price	:	Rs 461
Potential Return	:	+32.5%

### Stock data (as on Oct 29, 2024)

Nifty	24,304
52 Week h/I (Rs)	412 / 157
Market cap (Rs/USD mn)	46,770 / 556
Outstanding Shares (mn)	124
6m Avg t/o (Rs mn):	143
Div yield (%):	0.1
Bloomberg code:	MTLM IN
NSE code:	GREENPLY

### Stock performance



## Shareholding pattern (As of Sep'24 end)

Promoter	52.0%
FII+DII	36.3%
Others	11.7%

### $\Delta$ in stance

(1-Yr)	New	Old
Rating	BUY	BUY
Target Price	461	445

## $\Delta$ in earnings estimates

	FY25E	FY26E	FY27E
EPS (New)	10.2	15.3	18.4
EPS (Old)	10.8	14.8	-
% change	-5.2%	2.9%	_

## Financial Summary

(Rs mn)	FY25E	FY26E	FY27E
Net Revenue	25,334	28,279	31,110
YoY Growth	16.2	11.6	10.0
EBITDA	2,617	3,368	3,791
EBITDA (%)	10.3	11.9	12.2
PAT	1,256	1,872	2,261
YoY Growth	48.3	49.0	20.7
ROE	16.2	20.4	20.2
EPS	10.2	15.3	18.4
P/E	34.0	22.8	18.9
BV/Share	67.6	82.4	100.3
P/BV	5.1	4.2	3.5

UDIT GAJIWALA Lead Analyst udit.gajiwala@ysil.in



SHALIN DAMANI, Associate



- EBITDA margins came in at 9% Vs 8.5%/9.9% in Q2FY24/Q1FY25 respectively (Vs est of 10%). Absolute EBITDA increased by 19%YoY to Rs576Mn.
- Higher finance and depreciation cost resulted into Net profit declined by 6.5%YoY to Rs176Mn.

## **Segmental Highlights for Q2FY25**

## Plywood (80% revenue):

- Sales grew by 8%YoY & 14%QoQ to Rs5.14Bn.
- Volumes increased by 6%YoY & 14%QoQ (2-year CAGR stood at 8%) to 20.2msm.
- ASP improved by 2%YoY to Rs251/sqm.
- EBITDA margins came in at 8.3% Vs 7.6%/7.9% in Q2FY24/Q1FY25 respectively. Plywood EBITDA (74% of total), increased by 18%YoY & 21%QoQ.

## MDF (20% revenue):

- Sales grew by 42%YoY but declined by 4%QoQ to Rs1.26Bn. Sales was impacted due to plant shutdown in September & impact of intermittent power supply due to Gujarat floods.
- Volumes grew by 31%YoY and degrew by 5%QoQ to 40,553cbm.
- ASP expanded by 9%YoY & 1%QoQ to Rs31,169/cbm.
- EBITDA margins stood at 11.8% Vs 16.7% in previous quarter. Consequently EBITDA/cbm came in at Rs3,674 Vs Rs4,513/Rs5,149 in Q2FY24/Q1FY25 respectively.
- MDF segment reported a net loss of Rs56Mn during the quarter.



**Exhibit 2: Quarterly Snapshot:** 

Rs mn	Q1 FY24	Q2 FY24	Q3 FY24	Q4 FY24	Q1 FY25	Q2 FY25	% уоу	% qoq	H1 FY24	H1 FY25	% yoy
Revenue	4,304	5,677	5,821	5,998	5,839	6,405	12.8	9.7	9,980	12,243	22.7
Expenditure	4,032	5,193	5,316	5,421	5,260	5,829	12.2	10.8	9,226	11,088	20.2
- RM	2,525	3,450	3,495	3,686	3,461	3,904	13.2	12.8	5,975	7,364	23.3
- Staff Cost	651	725	734	681	734	825	13.9	12.5	1,376	1,559	13.3
- Other cost	856	1,019	1,088	1,054	1,065	1,100	7.9	3.2	1,875	2,165	15.4
Operating Profit	271	484	504	577	579	576	19.2	(0.5)	755	1,155	53.1
OPM(%)	6.3	8.5	8.7	9.6	9.9	9.0	48 bps	(92 bps)	7.6	9.4	187 bps
Other Income	17	33	83	38	57	20	(39.4)	(65.5)	50	77	54.1
Depreciation	111	139	149	145	150	151	8.3	0.7	250	301	20.0
Interest	78	118	147	90	104	145	22.4	38.9	196	249	26.8
P/L from JV/Ass.	(3)	(1)	(2)	(7)	(45)	(44)	NM	(2.6)	(5)	(90)	NM
Exceptional	-	-	89	47	-	-	-	-	-	-	-
PBT	96	258	378	419	337	257	(0.4)	(24.0)	354	594	67.8
Tax	38	70	96	94	5	81	15.9	1,453.8	108	86	(20.1)
PAT	58	188	281	325	332	176	(6.5)	(47.1)	246	508	106.2

Source: Company, YES Sec

**Exhibit 3: Operational Numbers:** 

Particulars	Q1 FY24	Q2 FY24	Q3 FY24	Q4 FY24	Q1 FY25	Q2 FY25	% yoy	% qoq	H1 FY24	H1 FY25	% yoy
Plywood											
Revenue (Rs mn)	4,120	4,780	4,540	4,680	4,520	5,140	7.5	13.7	8,900	9,660	8.5
Volumes (msqm)	16.3	19.1	17.8	18.8	17.7	20.2	5.8	14.1	35.4	37.9	7.1
Realizations (Rs/sqm)	249	245	252	244	245	251	2.4	2.4	251	255	1.4
Gross Profit (Rs mn)	1,629	1,740	1,720	1,710	1,710	1,880	8.0	9.9	3,369	3,590	6.6
Gross Margin (%)	39.5%	36.4%	37.9%	36.5%	37.8%	36.6%	17 bps	(126 bps)	37.9%	37.2%	(69 bps)
EBITDA (Rs mn)	359	364	360	401	355	429	17.9	20.8	723	784	8.4
EBITDA Margin (%)	8.7%	7.6%	7.9%	8.6%	7.9%	8.3%	73 bps	49 bps	8.1%	8.1%	(1 bps)
EBITDA/sqm (Rs)	22.0	19.1	20.2	21.3	20.1	21.2	11.4	5.9	20.4	20.7	1.3
MDF											
Revenue (Rs mn)	181	890	1,280	1,311	1,317	1,264	42.0	(4.0)	1,071	2,581	141.0
Volumes (cbm)	6,062	31,019	41,928	45,764	42,724	40,553	30.7	(5.1)	37,081	83,277	124.6
Realizations (Rs/cbm)	29,858	28,692	30,529	28,647	30,826	31,169	8.6	1.1	28,883	30,993	7.3
Gross Profit (Rs mn)	150	490	610	590	670	620	26.5	(7.5)	640	1,290	101.6
Gross Margin (%)	82.9%	55.1%	47.7%	45.0%	50.9%	49.1%	(601 bps)	(182 bps)	59.8%	50.0%	(978 bps)
EBITDA (Rs mn)	-73	140	150	190	220	149	6.4	(32.3)	67	369	450.7
EBITDA Margin (%)	-40.3%	15.7%	11.7%	14.5%	16.7%	11.8%	(394 bps)	(492 bps)	6.3%	14.3%	804 bps
EBITDA/cbm (Rs)	(12,042)	4,513	3,578	4,152	5,149	3,674	(18.6)	(28.6)	1,807	4,431	145.2



## **KEY CON-CALL HIGHLIGHTS**

- **Guidance:** Plywood should grow by 8-10% for FY25. MDF sales is expected to grow by 50%YoY with EBITDA margins of 16%.
- Timber prices in Ply/MDF stood at Rs10.5/Rs6.5 per kg. Timber prices for plywood was up by 13-14%YoY & 8%QoQ. MDF timber prices were up by 6%YoY & 3%QoQ.
- Net profit was impacted due to (i) MTM forex loss of Rs46.4Mn, (ii) Furniture & fittings loss of Rs35Mn, (iii) Rs9.4Mn loss from Middle east operations.
- MDF operations were impacted due to 7-days plant shutdown and disruption in power supply caused due to Gujarat floods.
- Margins for MDFs contracted due to plant shutdown, higher timber cost and lower volume off-take.
- Furniture & fittings plant commencement was delayed by a month due to delay in machinery. The same will commence from Nov'24 and company has booked revenue of Rs10Mn.
- Debt looks optically lower due to Rs 700Mn LC, but the same will rise to Rs4.5Bn by March'25 (as guided earlier).
- The HDF line of MDF will start from mid-Q4FY25 and glue plant will commence from Q3FY25.
- During the quarter, company took price hike of 2-3% across categories and 1% price hike in MDFs was taken in Oct'24.
- Though RM prices have cooled down in past 15-20days, management stated that the same will expand again in Q4FY25. Company stated that timber prices should ease-off from FY26.
- Company is planning a new plant for plywood; the plans are still on drawing board and no firm plans have been finalized.
- Capex: In H1FY25 capex was Rs250Mn and for H2FY25, company will spend Rs450-500Mn.
- Management aims to double the pre-lam MDF sales in coming years.
- For Samet JV, Company aims to break-even in FY26 and reach turnover of Rs4.5-5Bn in 3-years.



## **QUARTERLY TRENDS**

Exhibit 4: Revenue up by 13%YoY...

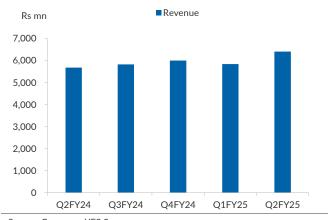
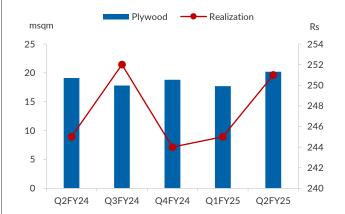


Exhibit 5: Plywood ASP grew by 2% to Rs251/sqm...



Source: Company, YES Sec

Source: Company, YES Sec

Exhibit 6: MDF volumes increased by 31%YoY...

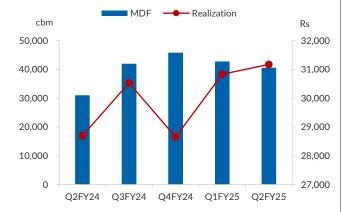
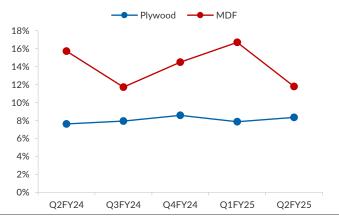


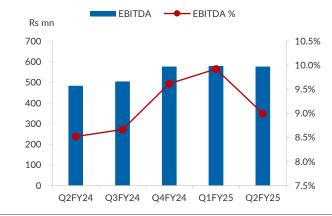
Exhibit 7: Plywood & MDF margin was 8.3% & 11.8%...



Source: Company, YES Sec

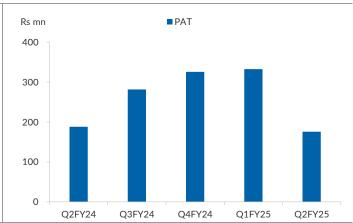
Source: Company, YES Sec

Exhibit 8: Blended margin came in at 9%...



Source: Company, YES Sec

Exhibit 9: Net profit stood at Rs176Mn...





## **FINANCIALS**

**Exhibit 10: Income Statement** 

Y/e 31 Mar (Rs mn)	FY23	FY24	FY25E	FY26E	FY27E
Revenues	16,631	21,799	25,334	28,279	31,110
Growth (%)	6.4%	31.1%	16.2%	11.6%	10.0%
EBITDA	1,541	1,868	2,617	3,368	3,791
EBITDA margin (%)	9.3%	8.6%	10.3%	11.9%	12.2%
Growth (%)	2.6%	21.2%	40.1%	28.7%	12.6%
Depreciation & Amortization	260	545	722	765	798
Other income	172	139	160	168	200
EBIT	1,454	1,461	2,055	2,771	3,194
EBIT margin (%)	8.7%	6.7%	8.1%	9.8%	10.3%
Interest	91	433	395	323	243
PBT	1,252	1,150	1,570	2,496	3,014
Tax	192	298	314	624	754
Net profit	1,060	853	1,256	1,872	2,261
Net profit margin (%)	6.4%	3.9%	5.0%	6.6%	7.3%
EPS	8.6	6.9	10.2	15.3	18.4
Growth (%)	11.7%	-19.9%	48.3%	49.0%	20.7%

Source: Company, YES Sec

**Exhibit 11: Balance Sheet** 

Y/e 31 Mar (Rs mn)	FY23	FY24	H1FY25	FY25E	FY26E	FY27E
Share Capital	123	124	124	124	124	124
Reserves	6,315	6,970	7,421	8,165	9,976	12,174
Equity	6,438	7,094	7,545	8,289	10,099	12,298
LT Borrowings	5,152	3,912	3,681	1,000	1,000	1,000
ST Borrowings	1,559	1,428	584	3,539	2,539	1,539
Payables	2,427	3,329	3,980	3,818	4,234	4,615
Other current Liab	843	606	842	606	606	606
Total Equity & Liab	16,810	16,639	16,929	17,522	18,748	20,329
Net Block	4,014	8,096	7,914	8,173	7,908	7,611
CWIP	5,130	124	295	124	124	124
Inventory	2,784	3,478	2,974	3,900	4,325	4,714
Receivables	2,287	2,490	2,934	2,776	3,099	3,409
Cash & Bank	314	224	799	321	1,065	2,243
Other	1,130	713	508	713	713	713
Total Assets	16,810	16,639	16,929	17,522	18,748	20,329



**Exhibit 12: Cash Flow** 

Y/e 31 Mar (Rs mn)	FY23	FY24	H1FY25	FY25E	FY26E	FY27E
PBT	1,252	1,150	594	1,570	2,496	3,014
Depreciation & Amortization	365	636	301	722	765	798
Finance cost	262	661	249	395	323	243
(Incr)/Decr in Working Capital	(1,200)	(648)	1,002	(220)	(332)	(318)
Taxes	(36)	(376)	(86)	(314)	(624)	(754)
Cash from ops.	622	1,109	2,168	2,154	2,629	2,983
(Incr)/ Decr in PP&E	(4,153)	(1,428)	(251)	(800)	(500)	(500)
Cash Flow from Investing	(4,085)	(1,428)	(707)	(800)	(500)	(500)
(Decr)/Incr in Borrowings	3,640	1,204	(1,014)	(800)	(1,000)	(1,000)
Finance cost	(374)	(654)	(234)	(395)	(323)	(243)
Cash Flow from Financing	3,177	471	(1,340)	(1,257)	(1,385)	(1,305)
Incr/(Decr) in cash	(286)	153	122	97	744	1,178
Cash and cash equivalents at beg of year	380	70	220	224	321	1,065
Cash and cash equivalents at end of year	81	220	342	321	1,065	2,243

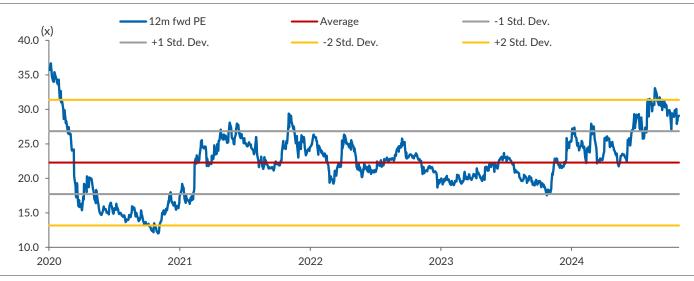
Source: Company, YES Sec

**Exhibit 13: Ratios** 

Key Ratios	FY23	FY24	FY25E	FY26E	FY27E
Growth Matrix (%)					
Revenue growth	6.4%	31.1%	16.2%	11.6%	10.0%
EBITDA growth	2.6%	21.2%	40.1%	28.7%	12.6%
EBIT growth	8.2%	0.5%	40.6%	34.8%	15.3%
PAT growth	(7.5%)	13.9%	26.0%	50.4%	20.7%
Profitability ratios (%)					
GP margin	37.9%	39.7%	40.8%	41.2%	41.8%
EBITDA margin	9.3%	8.6%	10.3%	11.9%	12.2%
EBIT margin	8.7%	6.7%	8.1%	9.8%	10.3%
PAT margin	5.2%	4.5%	4.9%	6.6%	7.3%
RoCE	15.4%	12.6%	19.8%	26.5%	25.7%
RoE	14.7%	14.6%	16.2%	20.4%	20.2%
Per share values					
EPS	8.6	6.9	10.2	15.3	18.4
CEPS	10.8	11.4	16.1	21.5	24.9
BVPS	52.5	57.9	67.6	82.4	100.3
Valuation ratios (x)					
P/E	16.3	33.3	34.0	22.8	18.9
P/CEPS	13.1	20.2	21.6	16.2	14.0
P/B	2.7	4.0	5.1	4.2	3.5
EV/EBITDA	15.4	18.0	18.0	13.5	11.4
Leverage ratios (x)					
Debt/ Equity	1.0	0.8	0.5	0.4	0.2
Net debt/Equity	1.0	0.7	0.5	0.2	0.0
Net debt/EBITDA	4.2	2.7	1.6	0.7	0.1
Int coverage	16.0	3.4	5.2	8.6	13.1
NWC days					
Receivables	50	42	40	40	40
Inventory	98	96	95	95	95
Payables	86	92	93	93	93
Source: Company VES Sec					

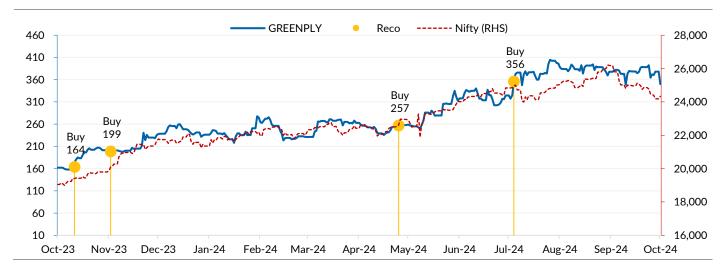


Exhibit 14: 1-year forward P/E (x) chart



Source: Company, YES Sec

## **Recommendation Tracker**





#### STANDARD DISCLAIMER:

YES Securities (India) Limited, Registered Address: 2<sup>nd</sup> Floor, North Side, YES BANK House, Off Western Express Highway, Santacruz East, Mumbai - 400055. Maharashtra, India | Correspondence Add: 7<sup>th</sup> Floor, Urmi Estate Tower A, Ganpatrao Kadam Marg, Opp. Peninsula Business Park, Lower Parel (West), Mumbai - 400 013, Maharashtra, India. | Website: www.vesinvest.in | Email: customer.service@vsil.in

Registration Nos.: CIN: U74992MH2013PLC240971 | SEBI Registration No.: NSE, BSE, MCX & NCDEX : INZ000185632 | Member Code: BSE - 6538, NSE - 14914, MCX - 56355 & NCDEX - 1289 | CDSL & NSDL: IN-DP-653-2021 | RESEARCH ANALYST: INH000002376 | INVESTMENT ADVISER: INA000007331 | Sponsor and Investment Manager to YSL Alternates Alpha Plus Fund (Cat III AIF) and YES Wealth Maximiser AIF (Cat III AIF) SEBI Registration No.: IN/AIF3/20 - 21/0818 | AMFI ARN Code - 94338

Details of Compliance Officer: Aditya Goenka | Email: compliance@ysil.in / Contact No.: 022-65078127 | Grievances Redressal Cell: customer.service@ysil.in / igc@ysil.in

Standard Disclaimer: Investment in securities market are subject to market risks; read all the related documents carefully before investing. Above representation provides an overview related to our past performance neither does it provide any guarantee of future performance, nor we are ensuring any guaranteed returns. Actual Client returns may vary depending upon time premium, volatility Index, intrinsic value of the script, open interest, other geopolitical conditions and choice of the customer to execute the recommendation in full or part. All recommendations are published under Research Analyst License of YES Securities (India) Limited (YSIL); execution of the recommendation is at complete discretion of customer without any intervention by the research publisher.

Contents which are exclusively for Non-Broking Products/Services e.g. Mutual Fund, Mutual Fund-SIP, Research reports, Insurance, etc. where the YSIL is just a distributor. These are not Exchange traded product and the YSIL is just acting as distributor. Kindly note that all disputes with respect to the distribution activity, would not have access to Exchange investor redressal forum or Arbitration mechanism.

YSIL is a wholly owned subsidiary of YES Bank Limited. Savings, Current, PIS and Demat Account are offered by YES Bank Limited. Please note Brokerage would not exceed the SEBI prescribed limit. YSIL also acts in the capacity of distributor for Products such as IPOs, Mutual Funds, Mutual Fund-SIPs, NCD/Bonds, etc., All disputes with respect to the distribution activity, would not have access to Exchange investor redressal forum or Arbitration mechanism.

Margin Trading Funding (MTF) is an exchange approved product offered to YSIL trading account holders, as per the regulation and guideline of SEBI Circular: CIR/MRD/DP/54/2017 dated June 13, 2017. For product specification, T&C, rights and obligations statement issued by the YSIL visit https://yesinvest.in/standard\_documents\_policies

## DISCLAIMER

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

The information and opinions in this report have been prepared by YSIL and are subject to change without any notice. The report and information contained herein are strictly confidential and meant solely for the intended recipient and may not be altered in any way, transmitted to, copied or redistributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of YSIL.

The information and opinions contained in the research report have been compiled or arrived at from sources believed to be reliable and have not been independently verified and no guarantee, representation of warranty, express or implied, is made as to their accuracy, completeness, authenticity or validity. No information or opinions expressed constitute an offer, or an invitation to make an offer, to buy or sell any securities or any derivative instruments related to such securities. Investments in securities are subject to market risk. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. Investors should note that Price of each of the securities or value may rise or fall and, accordingly, investors may even receive amounts which are less than originally invested. The investor is advised to take into consideration all risk factors including their own financial condition, suitability to risk return profile and the like, and take independent professional and/or tax advice before investing. Opinions expressed are our current opinions as of the date appearing on this report. Investor should understand that statements regarding future prospects may not materialize and are of general nature which may not be specifically suitable to any particular investor. Past performance may not necessarily be an indicator of future performance. Actual results may differ materially from those set forth in projections. Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors. YES Securities (India) Limited conforms with the rules and regulations enumerated in the Securities and Exchange Board of India (Research Analysts) Regulations, 2014 as amended from time to time.

Technical analysis reports focus on studying the price movement and trading turnover charts of securities or its derivatives, as opposed to focussing on a company's fundamentals and opinions, as such, may not match with reports published on a company's fundamentals.

YSIL, its research analysts, directors, officers, employees and associates accept no liabilities for any loss or damage of any kind arising out of the use of this report. 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 YSIL and associates to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all 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.



YES Securities (India) Limited distributes research and engages in other approved or allowable activities with respect to U.S. Institutional Investors through Rule 15a-6 under the Securities Exchange Act of 1934 (the "Exchange Act")<sup>[1]</sup> and regulations under an exclusive chaperone arrangement with Brasil Plural Securities LLC. The views and sentiments expressed in this research report and any findings thereof accurately reflect YES Securities (India) Limited analyst's truthful views about the subject securities and or issuers discussed herein. YES Securities (India) Limited is not registered as a broker-dealer under the Securities Exchange Act of 1934, as amended (the "Exchange Act") and is not a member of the Securities Investor Protection Corporation ("SIPC"). Brasil Plural Securities LLC is registered as a broker-dealer under the Exchange Act and is a member of SIPC. For questions or additional information, please contact Gil Aikins (gil.aikins@brasilplural.com) or call +1 212 388 5600.

This research report is the product of YES Securities (India) Limited. YES Securities (India) Limited is the employer of the research analyst(s), the authors of this research report. YES Securities (India) Limited is the concerned representatives (employees) of YES Securities (India) Limited, are responsible for the content of this research report including but not limited to any material conflict of interest of YES Securities (India) Limited in relation the issuer(s) or securities as listed in this research report. This YES Securities (India) Limited research report is distributed in the United States through Brasil Plural Securities LLC (BPS). The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and is/ 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 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. As per SEC Rule 15a-6, the U.S. broker-dealer must accompany any third party research report it distributes with, or provide a web address that directs a recipient to, disclosure of any material conflict of interest that can reasonably be expected to have influenced the choice of a third-party research report provider or the subject company of a third-party research.

FINRA Rules 2241 and 2242, which govern the conduct of research analysts and the content of equity and debt research reports, respectively, apply to all research distributed by a FINRA member firm, including research prepared by a foreign broker-dealer under Rule 15a-6.

- Research reports prepared by a foreign broker-dealer and distributed by a U.S. broker-dealer are deemed to be third party
  research reports, as reports produced by a person other than a FINRA member.
- Prior to distributing any third party research, a U.S. broker-dealer must assure that such report contains the required disclosures under FINRA Rule 2241(h) or 2242(g)(3), as applicable.

This report is intended for distribution by YES Securities (India) Limited only 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). As per Rule 15a-6(b)(4) of the Exchange Act, 1934, "Major U.S. institutional investor" means a U.S. institutional investor with assets, or assets under management, in excess of US\$100 million, or a registered investment adviser with assets under management in excess of US\$100 million. 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 or entity. Transactions in securities discussed in this research report should be effected through Brasil Plural Securities LLC (BPS) or another U.S. registered broker dealer/Entity as informed by YES Securities (India) Limited from time to time.

In adopting Rule 15a-6, the SEC sought "to facilitate access to foreign markets by U.S. institutional investors through foreign broker-dealers and the research that they provide, consistent with maintaining the safeguards afforded by broker-dealer registration." [Rule 15a-6 Adopting Release at 54 FR 30013; see also Registration Requirements for Foreign Broker-Dealers, Exchange Act Release No. 25801 (June 14, 1988), 53 FR 23645 (June 23, 1988)].

<sup>[1]</sup> Rule 15a-6 under the Securities Exchange Act of 1934 provides conditional exemptions from broker-dealer registration for foreign broker-dealers that engage in certain specified activities involving U.S. investors. These activities include:

<sup>(</sup>a) Effecting unsolicited securities transactions;

<sup>(</sup>b) Providing research reports to major U.S. institutional investors, and effecting transactions in the subject securities with or for those investors;

<sup>(</sup>c) Soliciting and effecting transactions with or for U.S. institutional investors or major U.S. institutional investors through a "chaperoning broker-dealer"; and

<sup>(</sup>d) Soliciting and effecting transactions with or for registered broker-dealers, banks3 acting in a broker or dealer capacity, certain international organizations, foreign persons temporarily present in the U.S., U.S. citizens resident abroad, and foreign branches and agencies of U.S. persons.



#### **DISCLOSURE OF INTEREST**

Name of the Research Analyst: Udit Gajiwala, Shalin Damani

The analyst hereby certifies that opinion expressed in this research report accurately reflect his or her personal opinion about the subject securities and no part of his or her compensation was, is or will be directly or indirectly related to the specific recommendation and opinion expressed in this research report.

Sr. No.	Particulars	Yes/No
1	Research Analyst or his/her relative's or YSIL's financial interest in the subject company(ies)	No
2	Research Analyst or his/her relative or YSIL's actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of the research report	No
3	Research Analyst or his/her relative or YSIL has any other material conflict of interest at the time of publication of the research report	No
4	Research Analyst has served as an officer, director or employee of the subject company(ies)	No
5	YSIL has received any compensation from the subject company in the past twelve months	No
6	YSIL has received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No
7	YSIL has received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No
8	YSIL has received any compensation or other benefits from the subject company or third party in connection with the research report	No
9	YSIL has managed or co-managed public offering of securities for the subject company in the past twelve months	No
10	Research Analyst or YSIL has been engaged in market making activity for the subject company(ies)	No

Since YSIL and its associates are engaged in various businesses in the financial services industry, they may have financial interest or may have received compensation for investment banking or merchant banking or brokerage services or for any other product or services of whatsoever nature from the subject company(ies) in the past twelve months or associates of YSIL may have managed or co-managed public offering of securities in the past twelve months of the subject company(ies) whose securities are discussed herein.

Associates of YSIL may have actual/beneficial ownership of 1% or more and/or other material conflict of interest in the securities discussed herein.

### RECOMMENDATION PARAMETERS FOR FUNDAMENTAL REPORTS

Analysts assign ratings to the stocks according to the expected upside/downside relative to the current market price and the estimated target price. Depending on the expected returns, the recommendations are categorized as mentioned below. The performance horizon is 12 to 18 months unless specified and the target price is defined as the analysts' valuation for a stock. No benchmark is applicable to the ratings mentioned in this report.

BUY: Upside greater than 20% over 12 months

ADD: Upside between 10% to 20% over 12 months

**NEUTRAL:** Upside between 0% to 10% over 12 months

**REDUCE:** Downside between 0% to -10% over 12 months

SELL: Downside greater than -10% over 12 months

NOT RATED / UNDER REVIEW

Analyst signature Analyst signature

## **ABOUT YES SECURITIES (INDIA) LIMITED**

YES Securities (India) Limited ("YSIL") is a wholly owned subsidiary of YES BANK LIMITED. YSIL is a Securities and Exchange Board of India (SEBI) registered Stock broker holding membership of National Stock Exchange (NSE), Bombay Stock Exchange (BSE), Multi Commodity Exchange (MCX) & National Commodity & Derivatives Exchange (NCDEX). YSIL is also a SEBI-registered Investment Adviser and Research Analyst. YSIL is also a Sponsor and Investment Manager of Alternate Investment Fund - Category III (YSL Alternates) and AMFI registered Mutual Fund Distributor. The Company is also a registered Depository Participant with CDSL and NSDL.