

## India

### ADD (no change)

Consensus ratings\*: Buy 19 Hold 8 Sell 3 Current price: Rs2.722 Rs3.247 Target price: Previous target: Rs2.668 19.3% Up/downside: InCred Research / Consensus: 20.2% Reuters: SI IN Bloombera: US\$4,761m Market cap: Rs345,742m US\$3.9m Average daily turnover: Rs282.4m

#### Key changes in this note

Current shares o/s:

Free float: \*Source: Bloomberg

> FY24F/25F revenue raised by 6.8%/8.6%.

127.0m

51.2%

- > FY24F/25F EBITDA raised by 3%/4.1%.
- FY24F/25F PAT raised by 8%/6.4%.



		Source: Bloomberg		
Price performance	1M	ЗМ	12M	
Absolute (%)	8.3	7.6	39.8	
Relative (%)	4.5	5.2	30.5	
Major shareholders		0	% held	

Promoters	48.9
Nalanda India Fund	4.8
Kotak Emerging Equity Scheme	3.2

#### Analyst(s)



#### Rahul AGARWAL

T (91) 22 4161 1553

E rahul.agarwal@incredcapital.com

**Harshit SARAWAGI** 

T (91) 22 4161 0000

E harshit.sarawagi@incredcapital.com

# **Supreme Industries**

## Strong demand led by stable PVC prices

- Higher-than-estimated sales volume, less volatile PVC prices, inventory gains & freight savings on commissioning of new plants led to 4Q EBITDA/PAT beat.
- Management targets 15-20% sales volume growth yoy while lower EBITDA margin of 13-14% in FY24F. Lifetime high annual capex of Rs7.5bn in FY24F.
- Last two agri-seasons' sales were weak. We expect 14-15% sales volume and EPS CAGR over FY23-25F. Retain ADD rating with a higher TP of Rs3,247.

#### Healthy sales volume growth on the back of stabilizing PVC prices

Supreme Industries (SIL) posted 4QFY23 revenue/EBITDA/PAT of Rs25.9bn/4.8bn/3.6bn, up 2%/23%/11% yoy and 12%/58%/71% qoq, beating our estimates by 6%/45%/44%, respectively. The outperformance was driven by higher-than-estimated sales volume (5% beat), freight savings due to commissioning of new plants further close to customer locations (3-5% cost savings) and inventory gains of Rs600-700m in 4QFY23. Consolidated sales volume stood at 147.4kt, +15% yoy and +7% qoq. Realization/t stood at Rs176k, down 11% yoy and +6% qoq. Consolidated EBITDA/kg stood at Rs32.6, +7% yoy. Plastic pipes' sales volume stood at 112kt, +16% yoy and +8% qoq. Packaging and industrial products' sales volume stood at 13.5kt, +3% yoy and 16.5kt, +20% yoy, respectively. Plastic pipes' EBIT/kg stood at Rs29/kg (+9% yoy and +78% qoq). Consolidated EBITDA margin expanded by 320bp yoy and 540bp qoq to 18.5%.

#### Management expects good sales volume growth but lower margins

SIL is expected to gain market share in plastic product sales as management targets sales volume growth of 15-20% yoy vs. industry sales volume growth expected at 10-15% yoy in FY24F. However, EBITDA margin guidance is in the range 13-14%, given the sales mix change in favour of low-margin agri-pipes and government supplies under Nal se Jal scheme, as per our view. Packaging products' EBIT margin declined considerably (FY16: 18.5%, FY23: 7%) due to hyper-competition in cross-laminated films. Management expects a meaningful recovery in the segment's margins led by recent price hikes in FY24F. SIL added ~80kt of plastic product manufacturing capacity and incurred Rs4bn capex in FY23. The average capacity utilization stood at 66% in FY23. To support strong demand going ahead, SIL plans to incur its highest-ever annual capex of Rs7.5bn (~150kt) in FY24F, 90% of which will be used to expand plastic pipe capacity.

#### Change in our estimates, valuation and risks

We revised revenue/EBITDA/PAT estimates by 3-9% over FY24F-25F due to higher sales volume growth, stable PVC prices and lower EBITDA margin estimates. We estimate sales volume, EBITDA and EPS CAGR of 14-16% over FY23-25F. We expect the demand upcycle to sustain for the next 12 months for plastic products, given stable PVC prices well supported by SIL's strategic capacity expansions. We retain ADD rating with a higher target price of Rs3,247 (Rs2,668 earlier) based on 36x (mean+1SD) FY25F EPS (rolled over from FY24F). Downside risks: Sharp volatility in PVC prices and adverse management changes.

Financial Summary	Mar-21A	Mar-22A	Mar-23F	Mar-24F	Mar-25F
Revenue (Rsm)	63,571	77,728	92,016	102,109	115,166
Operating EBITDA (Rsm)	12,843	12,421	11,997	14,143	16,124
Net Profit (Rsm)	9,771	9,685	8,653	10,166	11,458
Core EPS (Rs)	76.9	76.2	68.1	80.0	90.2
Core EPS Growth	109.0%	(0.9%)	(10.6%)	17.5%	12.7%
FD Core P/E (x)	35.39	35.70	39.95	34.01	30.17
DPS (Rs)	22.0	24.0	26.0	30.0	33.0
Dividend Yield	0.81%	0.88%	0.96%	1.10%	1.21%
EV/EBITDA (x)	26.32	27.41	28.19	23.76	20.47
P/FCFE (x)	54.30	524.73	63.90	62.92	35.20
Net Gearing	(24.2%)	(13.7%)	(17.1%)	(19.2%)	(27.3%)
P/BV (x)	10.91	8.99	7.85	6.86	6.00
ROE	36.0%	27.6%	21.0%	21.5%	21.2%
% Change In Core EPS Estimates			14.55%	7.97%	6.42%
InCred Research/Consensus EPS (x)					

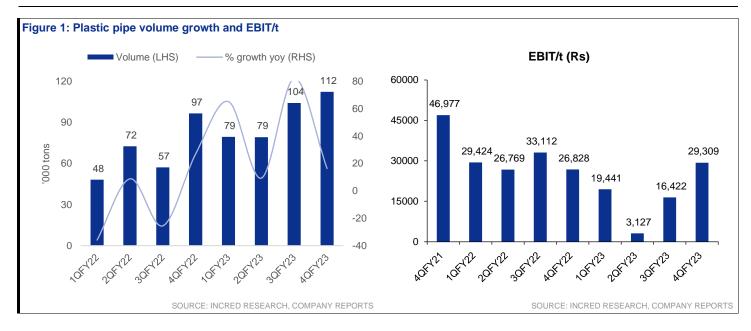
SOURCE: INCRED RESEARCH, COMPANY REPORTS

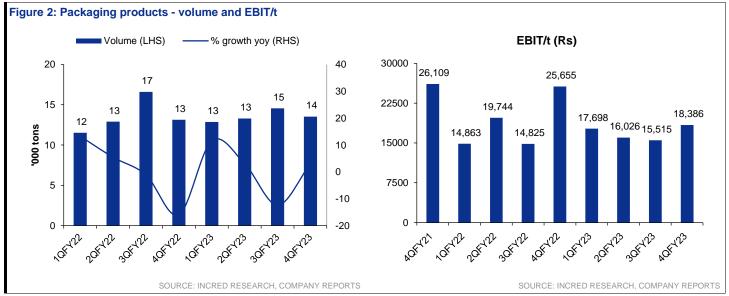


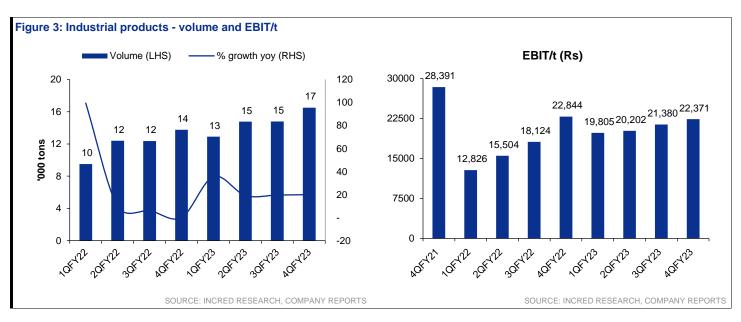
## 4QFY23 earnings call highlights

- Market share and sales mix: Management believes SIL gained market share in plastic products over the past one year and expects it to sustain the trend in FY24F. According to management, SIL targets 15-20% sales volume growth vs. 10-15% of the industry in the current fiscal. Value-added product (VAP) sales stood at Rs33.3bn, +14% yoy, and accounted for 36% of total sales in FY23 despite cross-laminated films being excluded from the classification due to a significant decline in the segment's margins (at least 17% EBITDA margin to be classified as VAP, as per SIL). CPVC sales volume growth was 24% yoy in 4QFY23.
- Distribution network: The number of distributors increased to 1,443 for the
  plastic pipes segment as of Mar 2023 (vs. 1,250 as of Mar 2022). The company
  plans to add an additional 100 distributors in FY24F for the plastic pipe division.
- New product launches: SIL has successfully launched electrofusion olefins fittings and compression molded fittings with a portfolio of 179 products. The company plans to add 140 new products in FY24F.
- Inventory gains/loss: Management estimated an inventory gain of Rs600m-700m in 4QFY23 due to a sharp increase in the sales price of PVC products. However, SIL incurred a net inventory loss of ~Rs1.8bn in FY23.
- Composite cylinders: The work on doubling the capacity of plastic composite
  gas cylinders to 1m units per year has been completed and they are now
  operating at 90% utilization level. SIL has supplied 472k cylinders against the
  full-order size of 735k cylinders to Indian Oil Corporation or IOCL till Mar 2023.
  The company expects incremental orders from IOCL and new export orders
  for cylinders in FY24F.
- Polymer prices: The prices of different polymers, particularly polypropylene (PP), lower density polyethylene (LDPE) and polyvinyl chloride (PVC) prices declined by Rs41/kg to 67/kg from the beginning of the year till the third week of Nov 2022, resulting in high inventory losses (1HFY23: Rs2.5bn). Since Dec 2022, PVC prices rose by Rs15/kg until mid-Jan 2023. The volatility in prices was low during 4QFY23, and management expects the prices to be rangebound over the next 12 months.
- Capex update: SIL has planned a capex of Rs7.5bn (150kt) including Rs1.5bn of carried-over capex in FY24F. Three greenfield plants Guwahati (Assam), Erode (Tamil Nadu) and Cuttack (Odisha) have started commercial production in FY23 and are expected to achieve optimum capacity utilization in FY24F. The company expects to set up a plant at Malanpur, near Gwalior city.
- Cash conversion cycle: Net working capital days stood at 40 days in FY23 (vs. 45 days in FY22). Net cash was at Rs7.4bn as of 31 Mar 2023 (vs. Rs5.3bn as of 31 Dec 2022).

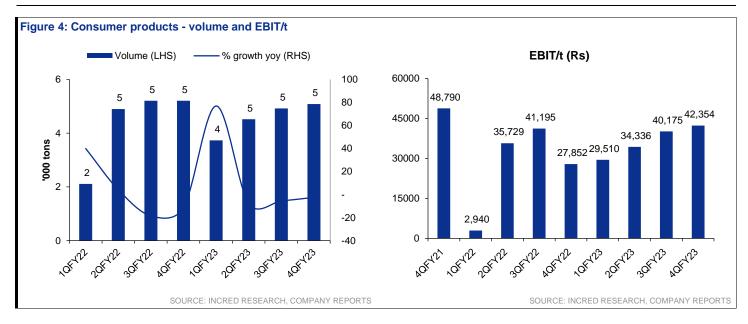












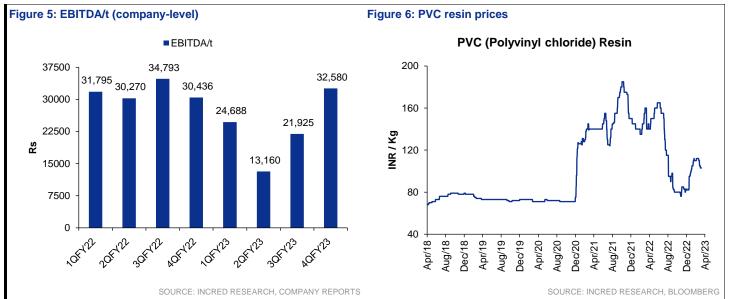


Figure 7: 4QFY23 results snapshot										
YE Mar (Rs m)	4QFY23	4QFY22	yoy (%)	3QFY23	qoq (%)	FY23	FY22	yoy (%)		
Revenue	25,983	25,571	1.6	23,107	12.4	92,016	77,728	18.4		
EBITDA	4,803	3,914	22.7	3,034	58.3	11,997	12,421	(3.4)		
EBITDA margin (%)	18.5	15.3	318 bp	13.1	536 bp	13.0	16.0	-294 bp		
Adj. PAT	3,594	3,239	11.0	2,100	71.1	8,653	9,684	(10.6)		
Diluted EPS (Rs)	28.3	25.5		16.5		68.1	76.2			
				SOURC	E: INCRED I	RESEARCH,	COMPANY	REPORTS		

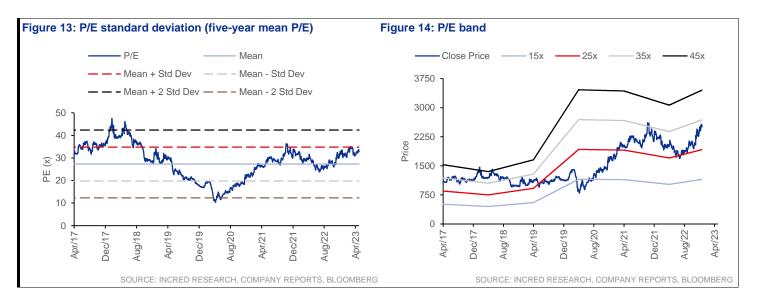


Figure 8: 4QFY23 s	_							
	4QFY23	4QFY22	yoy (%)	3QFY23	qoq (%)	FY23	FY22	yoy (%)
Revenue (Rs m)								
Plastic Pipes	17,708	17,997	(1.6)	15,087	17.4	60,375	50,460	19.7
Packaging Products	3,231	3,190	1.3	3,419	(5.5)	13,191	12,101	9.0
Industrial Products	3,687	3,003	22.8	3,358	9.8	13,416	10,237	31.1
Consumer Products	1,211	1,180	2.6	1,159	4.5	4,446	4,051	9.8
Others	147	201	(26.9)	84	74.9	587	880	(33.3)
Total	25,983	25,571	1.6	23,107	12.4	92,016	77,728	18.4
EBIT (Rs m)								
Plastic Pipes	3,291	2,589	27.1	1,710	92.5	6,793	7,839	(13.3)
Packaging Products	249	337	(26.2)	226	10.2	915	1,009	(9.3)
Industrial Products	369	314	17.5	316	16.8	1,239	853	45.3
Consumer Products	215	145	48.4	198	8.9	678	541	25.4
Others	11	10	5.8	-0	(2,825.0)	-27	85	(131.8)
Total	4,135	3,396	21.8	2,449	68.9	9,599	10,326	(7.0)
EBIT margin (%)								
Plastic Pipes	18.6	14.4	420 bp	11.3	725 bp	11.3	15.5	-428 bp
Packaging Products	7.7	10.6	-286 bp	6.6	110 bp	6.9	8.3	-140 bp
Industrial Products	10.0	10.5	-45 bp	9.4	60 bp	9.2	8.3	91 bp
Consumer Products	17.8	12.3	549 bp	17.1	72 bp	15.3	13.3	191 bp
Others	7.4	5.1	229 bp	-0.5	789 bp	-4.6	9.6	-1419 bp
Total	15.9	13.3	264 bp	10.6	532 bp	10.4	13.3	-285 bp
			•	SOURC	E: INCRED F	RESEARCH.	COMPANY	REPORTS

Figure 9: EBIT/t								
Rs m	4QFY23	4QFY22	yoy (%)	3QFY23	qoq (%)	FY23	FY22	yoy (%)
Plastic Pipes	29,309	26,828	9.2	16,422	78.5	18,112	28,578	(36.6)
Packaging Products	18,386	25,655	(28.3)	15,515	18.5	16,874	18,631	(9.4)
Industrial Products	22,371	22,844	(2.1)	21,380	4.6	21,018	17,751	18.4
Consumer Products	42,354	27,852	52.1	40,175	5.4	36,102	34,150	5.7
Total	28,053	26,403	6.2	17,699	58.5	18,951	26,213	(27.7)
			SOURC	E: INCRED F	RESEARCH E	STIMATES,	COMPANY	REPORTS

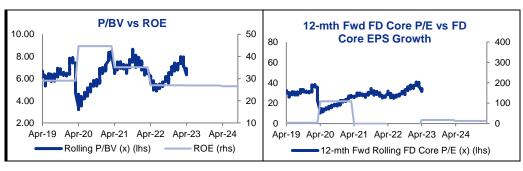
Figure 10: Actuals	s vs. our estimates			Figure 11: Actuals vs. Bloomberg consensus estimates				
Rs m	4QFY23	4QFY23E	Var (%)	Rs m	4QFY23	4QFY23C	Var (%)	
Revenue	25,983	24,469	6.2	Revenue	25,983	24,474	6.2	
EBITDA	4,803	3,442	39.5	EBITDA	4,803	3,729	28.8	
EBITDA margin (%)	18	14.1	442 bp	EBITDA margin (%)	18	15.2	325 bp	
Adj. PAT	3,594	2,633	36.5	Adj. PAT	3,594	2,535	41.8	
	SOURCE: INCRED RESEARCH E	STIMATES, COMI	3	SOURCE: INCRED RESEARCH, COMP	PANY REPORTS,	BLOOMBERG		

Figure 12: Our revised earnings estimates									
	New estimates			Old estimates			Change (%)		
	FY23	FY24F	FY25F	FY23F	FY24F	FY25F	FY23F	FY24F	FY25F
Revenue	92,016	102,109	115,166	90,502	95,643	106,091	1.7	6.8	8.6
EBITDA	11,997	14,143	16,124	10,498	13,725	15,489	14.3	3.0	4.1
Adjusted consol. PAT	8,653	10,166	11,458	7,554	9,416	10,767	14.5	8.0	6.4
EPS	68.1	80.0	90.2	59.5	74.1	84.8	14.5	8.0	6.4
EBITDA margin (%)	13.0	13.9	14.0	11.6	14.4	14.6	144 bp	-50 bp	-60 bp
SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS									





## **BY THE NUMBERS**



(Rs m)	Mar-21A	Mar-22A	Mar-23F	Mar-24F	Mar-25F
Total Net Revenue	63,571	77,728	92,016	102,109	115,166
Gross Profit	23,186	24,197	26,024	30,736	34,666
Operating EBITDA	12,843	12,421	11,997	14,143	16,124
Depreciation And Amortisation	(2,128)	(2,295)	(2,634)	(2,882)	(3,281)
Operating EBIT	10,715	10,126	9,363	11,260	12,843
Financial Income/(Expense)	(193)	(38)	20	100	170
Pretax Income/(Loss) from Assoc.	1,460	2,044	1,533	1,227	1,227
Non-Operating Income/(Expense)	130	186	198	100	105
Profit Before Tax (pre-EI)	12,112	12,318	11,113	12,687	14,344
Exceptional Items					
Pre-tax Profit	12,112	12,318	11,113	12,687	14,344
Taxation	(2,341)	(2,633)	(2,460)	(2,521)	(2,886)
Exceptional Income - post-tax					
Profit After Tax	9,771	9,685	8,653	10,166	11,458
Minority Interests					
Preferred Dividends					
FX Gain/(Loss) - post tax					
Other Adjustments - post-tax					
Net Profit	9,771	9,685	8,653	10,166	11,458
Recurring Net Profit	9,771	9,685	8,653	10,166	11,458
Fully Diluted Recurring Net Profit	9,771	9,685	8,653	10,166	11,458

Cash Flow					
(Rs m)	Mar-21A	Mar-22A	Mar-23F	Mar-24F	Mar-25F
EBITDA	12,843	12,421	11,997	14,143	16,124
Cash Flow from Invt. & Assoc.					
Change In Working Capital	(1,955)	(4,939)	(778)	(1,103)	(469)
(Incr)/Decr in Total Provisions					
Other Non-Cash (Income)/Expense					
Other Operating Cashflow	3,686	48	(5)	1,427	1,501
Net Interest (Paid)/Received	212	41	64	(100)	(170)
Tax Paid	(2,322)	(2,868)	(2,375)	(2,521)	(2,886)
Cashflow From Operations	12,464	4,704	8,903	11,845	14,101
Capex	(2,266)	(4,699)	(4,243)	(6,000)	(4,000)
Disposals Of FAs/subsidiaries	56	39	25		
Acq. Of Subsidiaries/investments	94	139	188	(500)	(500)
Other Investing Cashflow	124	487	538	150	222
Cash Flow From Investing	(1,992)	(4,035)	(3,493)	(6,350)	(4,278)
Debt Raised/(repaid)	(4,104)	(11)			
Proceeds From Issue Of Shares					
Shares Repurchased					
Dividends Paid	(635)	(2,922)	(3,049)	(3,812)	(4,193)
Preferred Dividends					
Other Financing Cashflow	(166)	(10)	(15)	(50)	(53)
Cash Flow From Financing	(4,905)	(2,942)	(3,064)	(3,862)	(4,245)
Total Cash Generated	5,566	(2,273)	2,347	1,633	5,578
Free Cashflow To Equity	6,367	659	5,411	5,495	9,823
Free Cashflow To Firm	10,251	619	5,331	5,445	9,770

SOURCE: INCRED RESEARCH, COMPANY REPORTS



## BY THE NUMBERS...cont'd

Balance Sheet					
(Rs m)	Mar-21A	Mar-22A	Mar-23F	Mar-24F	Mar-25F
Total Cash And Equivalents	7,684	5,264	7,522	9,655	15,733
Total Debtors	3,898	4,668	4,924	5,464	6,163
Inventories	7,608	12,602	13,856	15,386	16,407
Total Other Current Assets	1,469	2,219	2,546	2,825	3,186
Total Current Assets	20,659	24,753	28,848	33,331	41,489
Fixed Assets	16,471	16,886	19,819	22,774	23,992
Total Investments	3,366	4,759	5,713	5,713	5,713
Intangible Assets					
Total Other Non-Current Assets	2,327	3,561	2,563	2,726	2,226
Total Non-current Assets	22,164	25,206	28,094	31,212	31,931
Short-term Debt					
Current Portion of Long-Term Debt					
Total Creditors	6,462	7,940	9,038	10,029	11,311
Other Current Liabilities	3,220	2,064	2,322	2,576	2,906
Total Current Liabilities	9,682	10,004	11,359	12,605	14,217
Total Long-term Debt	6				
Hybrid Debt - Debt Component					
Total Other Non-Current Liabilities	524	607	654	654	654
Total Non-current Liabilities	530	607	654	654	654
Total Provisions	919	904	908	908	908
Total Liabilities	11,131	11,515	12,921	14,167	15,779
Shareholders' Equity	31,692	38,444	44,021	50,376	57,641
Minority Interests					
Total Equity	31,692	38,444	44,021	50,376	57,641

Key Ratios					
	Mar-21A	Mar-22A	Mar-23F	Mar-24F	Mar-25F
Revenue Growth	15.3%	22.3%	18.4%	11.0%	12.8%
Operating EBITDA Growth	53.9%	(3.3%)	(3.4%)	17.9%	14.0%
Operating EBITDA Margin	20.2%	16.0%	13.0%	13.9%	14.0%
Net Cash Per Share (Rs)	60.44	41.44	59.21	76.01	123.86
BVPS (Rs)	249.49	302.64	346.55	396.57	453.77
Gross Interest Cover	48.42	196.62	116.74	225.21	244.62
Effective Tax Rate	19.3%	21.4%	22.1%	19.9%	20.1%
Net Dividend Payout Ratio	23.1%	24.7%	29.7%	30.0%	29.2%
Accounts Receivables Days	20.17	20.11	19.02	18.57	18.42
Inventory Days	74.62	68.90	73.17	74.77	72.08
Accounts Payables Days	53.94	49.10	46.95	48.75	48.38
ROIC (%)	44.3%	45.8%	31.3%	34.8%	35.1%
ROCE (%)	35.4%	28.2%	22.5%	23.7%	23.8%
Return On Average Assets	31.1%	26.6%	20.8%	20.7%	20.5%

SOURCE: INCRED RESEARCH, COMPANY REPORTS



Building Materials | India Supreme Industries | May 01, 2023

#### **DISCLAIMER**

This report (including the views and opinions expressed therein, and the information comprised therein) has been prepared by Incred Research Services Private Ltd.(formerly known as Earnest Innovation Partners Private Limited) (hereinafter referred to as "IRSPL"). IRSPL is registered with SEBI as a Research Analyst vide Registration No. INH000011024. Pursuant to a trademark agreement, IRSPL has adopted "Incred Equities" as its trademark for use in this report.

The term "IRSPL" shall, unless the context otherwise requires, mean IRSPL and its affiliates, subsidiaries and related companies. This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject IRSPL and its affiliates/group companies to registration or licensing requirements within such jurisdictions.

This report is being supplied to you strictly on the basis that it will remain confidential. No part of this report may be (i) copied, photocopied, duplicated, stored or reproduced in any form by any means; or (ii) redistributed or passed on, directly or indirectly, to any other person in whole or in part, for any purpose without the prior written consent of IRSPL.

The information contained in this report is prepared from data believed to be correct and reliable at the time of issue of this report.

IRSPL is not required to issue regular reports on the subject matter of this report at any frequency and it may cease to do so or change the periodicity of reports at any time. IRSPL is not under any obligation to update this report in the event of a material change to the information contained in this report. IRSPL has not any and will not accept any, obligation to (i) check or ensure that the contents of this report remain current, reliable or relevant; (ii) ensure that the content of this report constitutes all the information a prospective investor may require; (iii) ensure the adequacy, accuracy, completeness, reliability or fairness of any views, opinions and information, and accordingly, IRSPL and its affiliates/group companies (and their respective directors, associates, connected persons and/or employees) shall not be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof.

Unless otherwise specified, this report is based upon reasonable sources. Such sources will, unless otherwise specified, for market data, be market data and prices available from the main stock exchange or market where the relevant security is listed, or, where appropriate, any other market. Information on the accounts and business of company(ies) will generally be based on published statements of the company(ies), information disseminated by regulatory information services, other publicly available information and information resulting from our research. Whilst every effort is made to ensure that statements of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable as of the date of the document in which they are contained and must not be construed as a representation that the matters referred to therein will occur. Past performance is not a reliable indicator of future performance. The value of investments may go down as well as up and those investing may, depending on the investments in question, lose more than the initial investment. No report shall constitute an offer or an invitation by or on behalf of IRSPL and its affiliates/group companies to any person to buy or sell any investments.

The opinions expressed are based on information which are believed to be accurate and complete and obtained through reliable public or other non-confidential sources at the time made. (Information barriers and other arrangements may be established where necessary to prevent conflicts of interests arising. However, the analyst(s) may receive compensation that is based on his/their coverage of company(ies) in the performance of his/their duties or the performance of his/their recommendations. In reviewing this report, an investor should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additional information is, subject to the duties of confidentiality, available on request. The report is not a "prospectus" as defined under Indian Law, including the Companies Act, 2013, and is not, and shall not be, approved by, or filed or registered with, any Indian regulator, including any Registrar of Companies in India, SEBI, any Indian stock exchange, or the Reserve Bank of India. No offer, or invitation to offer, or solicitation of subscription with respect to any such securities listed or proposed to be listed in India is being made, or intended to be made, to the public, or to any member or section of the public in India, through or pursuant to this report.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

IRSPL may have issued other reports (based on technical analysis, event specific, short term views etc.) that are inconsistent with and reach different conclusion from the information presented in this report.

Holding of Analysts/Relatives of Analysts, IRSPL and Associates of IRSPL in the covered securities, as on the date of publishing of this report



Building Materials | India Supreme Industries | May 01, 2023

	Analyst/ Relative	Entity/ Associates
any financial interests in the company covered in this report (subject company) and nature of such financial interest	NO	NO
actual/beneficial ownership of 1% or more in securities of the subject company at the end of the month immediately preceding the date of publication of the research report or date of the public appearance;	NO	NO
any other material conflict of interest at the time of publication of the research report or at the time of public appearance	NO	NO
received any compensation from the subject company in the past twelve months for investment banking or merchant banking or brokerage services or investment advisory or depository or distribution from the subject company in the last twelve months for products/services other than investment banking or merchant banking or broker- age services or investment advisory or depository or distribution from the subject company in the last twelve months	NO	NO
managed or co-managed public offering of securities for the subject company in the last twelve months	NO	NO
received any compensation or other benefits from the subject company or third party in connection with the research report	NO	NO
served as an officer, director or employee of the subject company	NO	NO
been engaged in market making activity for the subject company	NO	NO

#### **Analyst declaration**

- The analyst responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his
  or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and
  autonomously in an unbiased manner.
- No part of the compensation of the analyst(s) was, is, or will be directly or indirectly related to the inclusion of specific recommendations(s) or view(s) in this report or based any specific investment banking transaction.
- The analyst(s) has(have) not had any serious disciplinary action taken against him/her(them).
- The analyst, strategist, or economist does not have any material conflict of interest at the time of publication of this report.
- The analyst(s) has(have) received compensation based upon various factors, including quality, accuracy and value of research, overall firm performance, client feedback and competitive factors.

IRSPL and/or its affiliates and/or its Directors/employees may own or have positions in securities of the company(ies) covered in this report or any securities related thereto and may from time to time add to or dispose of, or may be materially interested in, any such securities.

IRSPL and/or its affiliates and/or its Directors/employees may do and seek to do business with the company(ies) covered in this research report and may from time to time (a) buy/sell the securities covered in this report, from time to time and/or (b) act as market maker or have assumed an underwriting commitment in securities of such company(ies), and/or (c) may sell them to or buy them from customers on a principal basis and/or (d) may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) and/or (e) solicit such investment, advisory or other services from any entity mentioned in thisreport and/or (f) act as a lender/borrower to such company and may earn brokerage or other compensation. However, Analysts are forbidden to acquire, on their own account or hold securities (physical or uncertificated, including derivatives) of companies in respect of which they are compiling and producing financial recommendations or in the result of which they play a key part.