

Hindware Home Innovation

A compelling Play in
Building Material Space

Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

Hindware Home Innovation (HINDWARE) has advanced significantly from being a manufacturer of just one product to holding market leadership in sanitaryware and being a significant player in faucetware. It holds a 23%/6% market share in organised sanitaryware and faucetware, respectively. Given its strong positioning in bathware, increasing presence in pipes and fittings and consumer appliances coupled with a comprehensive product portfolio, strong brand recall, and a wide and expanding distribution reach, we are optimistic about its medium to long term growth prospects. It can continue to deliver strong overall growth with a constant focus on product innovation, a timely ramp up in pipe capacity, and a positive outlook for demand. Over FY22-25e, we expect a sales/EBITDA/PAT CAGR of 18%/36%/30%. In FY25, we foresee the EBITDA margin to reach 11.5%. We initiate coverage with a 'BUY' rating and a TP of INR 546 by valuing the stock at 18x FY25E earnings.

Expand the addressable market by foraying into new product categories

HINDWARE expanded its addressable market to INR50,000cr in 2022 from INR4,000cr in 2012 by extending its established brand 'Hindware' to new product categories. In 2014, it expanded its product offering beyond sanitaryware to faucets, to consumer appliances in 2015, and to plastic pipes and fittings in 2018. It ranks in the top five in sanitaryware, faucets, kitchen chimney, and air coolers, and sixth in water heaters. It aspires to be one of the top five pipe players and is one of the fastest growing.

Healthy growth in end-use industry — real estate

Demand for HINDWARE's products is linked to the cyclical real estate sector. After the lifting of COVID-related restrictions, the Indian residential market saw a stellar recovery in FY22, with industry sales volumes returning to FY20 levels and unsold inventory falling to 18 months from 46 months over FY20–9MFY23. However, the recent rise in interest rates globally and increase in construction cost led to concerns over the sustainability of residential demand. The sanitaryware market is seeing a marked shift in consumer preference towards branded products, thereby offering growth opportunities to established players like HINDWARE. The management maintains a strong presence in the domestic mass and mid-market sanitaryware segment. We expect the company to continue to expand its dealer base in Tier II and III cities.

Collaboration with MNC players to combine technology with distribution reach

HINDWARE recently forayed into kitchen and furniture fittings segment via a strategic partnership with Italy's Formenti & Giovenzana Group (FGV). In heating solutions, it collaborated with one of Europe's top brands — Groupe Atlantic. HINDWARE provides products in a highly competitive market with a low barrier to entry. In all product categories, it competes with several brands in both the organised and unorganised market. However, Via technology pacts with global firms and the introduction of innovative products, it can increase its market share by utilising its extensive and efficient distribution network.

Valuation and view

We initiate coverage with a 'BUY' rating, given its leading position in sanitaryware and faucets, wide product basket, and strong brand presence. We expect 18%/30% revenue/PAT CAGR over FY22–25 (versus 11%/22% CAGR over FY19–22) driven by market share gains and EBITDA margin expansion (391bps to 11.5% in FY25E), owing to a superior product mix and benefits of scale. Valuing the stock at 18x FY25E earnings, we arrive at our TP of INR 546, an upside of 57% from its CMP. As we await market share and margin expansion execution, the assigned multiple is conservative compared to segment peers. A slowdown in the economy and the housing market, and higher input costs are the key risks to our thesis.

Year to March	FY21	FY22	FY23E	FY24E	FY25E
Revenues (INR Cr)	1,775	2,294	2,804	3,288	3,809
Rev growth (%)	10.0	29.2	22.2	17.3	15.8
EBITDA (INR Cr)	143	175	232	329	439
Adjusted PAT (INR Cr)	55	101	63	136	219
P/E (x)	46	25	40	19	11
EV/EBITDA (x)	19	16	12	9	7
RoACE (%)	19.9	20.3	12.6	16.4	22.8
RoAE (%)	18.2	23.5	11.3	20.9	26.8

Nikhil Shetty

Research Analyst

nikhil.shetty@nuvama.com

CMP INR: 348

Rating: BUY

Target Price INR: 546

Upside: 57%

Date: April 03, 2023

Bloomberg:	SHILL:IN
52-week range (INR):	263/482
Share in issue (crore):	7
M-cap (INR cr):	2,499
Promoter holding (%)	51.32

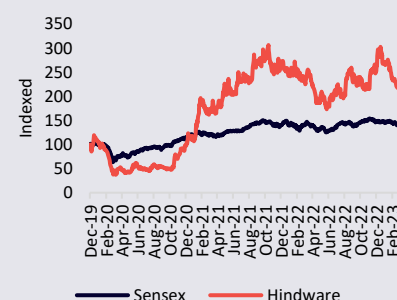


Table of Contents

Business Structure	3
Focus Charts.....	4
Investment Rationale	
I. Expand the addressable market by foraying into new product categories	6
II. Healthy growth in end-use industry — real estate	12
III. Collaboration with MNC players to combine technology with distribution reach	13
IV. Financial performance to improve further	15
V Peer Comparison.....	17
Outlook and Valuation	20
Key Risks.....	21
Management Profile	23
Company Overview	24
Financials.....	26

Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

Business Structure

Over the years, HINDWARE diversified from Sanitaryware manufacturing to faucets, to consumer appliances in 2015, and to plastic pipes and fittings in 2018. The company is well-placed in domestic markets. HHIL ranks amongst top 3 companies in Sanitaryware, Faucet and Kitchen Chimney categories in the domestic market; in plastic pipe it is one of the fastest growing companies.

We expect HINDWARE to clock ~18% sales CAGR over FY22-25e, driven by:

- The bath ware segment (Sanitaryware & Faucet) would grow at 1.25-1.5x of industry growth driven by strong brand recall and wide distribution network.
- With the gradual commercialisation of its expanded Pipe& Fittings capacity at the Telangana facility and higher capacity utilisation, driven by extending reach and a healthy demand environment, we expect a rise in revenue at an industry-leading rate. We expect 21% revenue CAGR over FY22-25e.
- Driven by product innovation, brand building, distribution expansion, and e-commerce growth, consumer appliance business can reach INR 700cr by FY25e.

We expect EBITDA margin to expand 391bp over FY22-25, led by benefits of scale across segments, integration of manufacturing units within building products, operational efficiencies, easing commodity pressure and benefit of scale. We expect absolute EBITDA to expand at a 36% CAGR over FY22-25e, driven by strong revenue growth and margin improvement.

Strong operational performance and improved margin profile to boost net profit by ~30% CAGR from FY22 to FY25e.

Over the next two years, management expects a 10-20 day/Year working capital days (WCD) improvement (we kept WCD at same level). Return ratios and cash flow would improve along with lower capex and margin improvement.

We expect consolidated leverage (debt/equity ratio) to touch 0.6x in FY25 (after rising to 1.4x in FY23) from 0.7x in FY22 due to an improvement in operating profit and debt repayment (INR200-250cr in borrowings over the next two years).

Given its strong positioning in bathware, increasing presence in pipes and fittings and consumer appliances coupled with a comprehensive product portfolio, strong brand recall, and a wide and expanding distribution reach, we are optimistic about its medium to long term growth prospects. At CMP (INR 348), the stock trades at 11.5x FY25e EPS and 6.5x EV/EBITDA FY25e EBITDA.

We initiate coverage on the stock and recommend a 'BUY' rating with a target price of INR 546 per share, valuing the company at 18x of FY25e earnings.

With strong demand and the company's constant focus on product innovation, brand building, distribution expansion, and capacity addition, we expect HHIL's growth momentum across its business segments to continue.

Capacity expansion in pipes & fittings coupled with new products introduction in consumer appliances would increase the revenue to INR 3,809cr from INR 2294cr.

We forecast consolidated revenue to increase by 18%, EBITDA to grow by 36% and PAT to rise by 30% over FY22-25e.

INR Cr	FY22	FY23E	FY24E	FY25E
Revenue	2,294	2,804	3,288	3,809
EBITDA	175	232	329	439
EBITDA margin (%)	8	8	10	12
PAT	101	63	136	219

INR Cr	FY22	FY23E	FY24E	FY25E
ROACE (%)	20.3	12.6	16.4	22.8
OCF	513	41	94	178
Net D/E ratio	0.7	1.4	1.0	0.6

	FY25E	Target
P/E (x)	18x	546

At CMP, 25E P/E is 11.5x



FY25E RoCE of 23%



At target price, FY25E P/E is 18x

Upside: 57%

Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

Focus Charts

Exhibit 1: Consol. revenue CAGR of 18% over FY23-FY25E aided by strong growth in bathware and Pipe segments

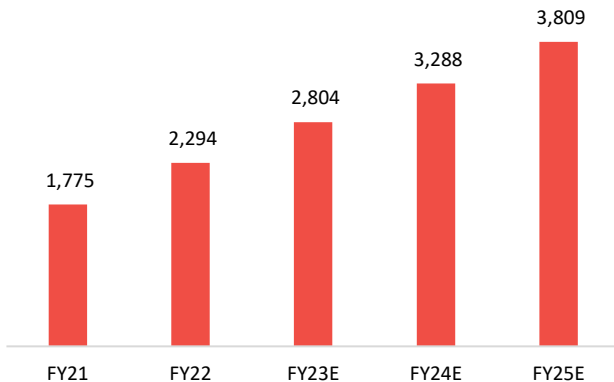


Exhibit 2: Inventory loss in Pipe segment to impact overall EBITDA margin in FY23, however recovers in FY24

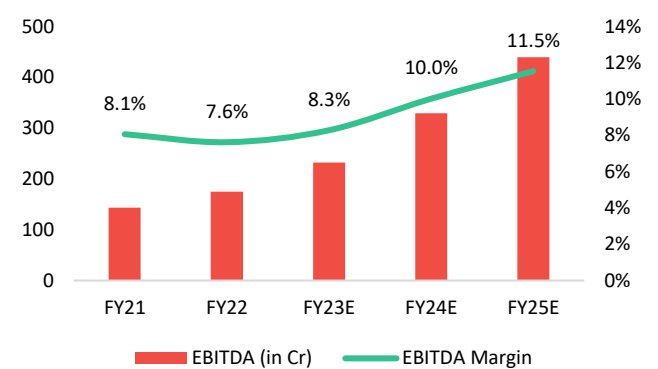


Exhibit 3: Bathware dominates the revenue mix with ~50% share

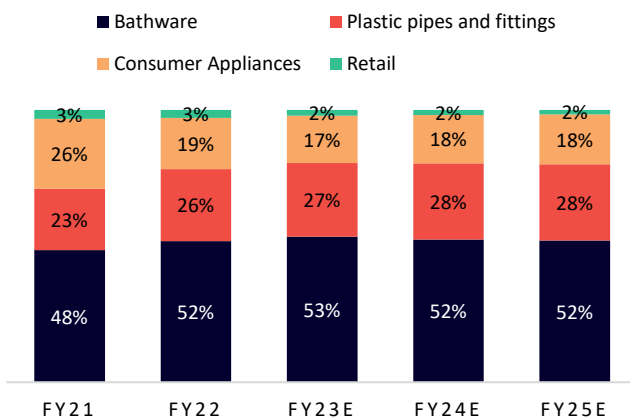


Exhibit 4: EBITDA of Plastic and Consumer Applications to grow faster with scale

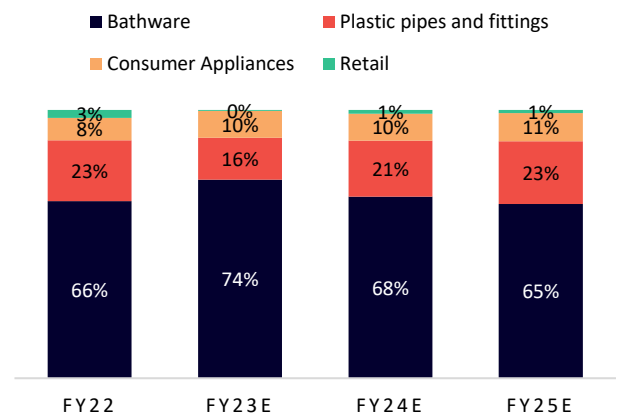


Exhibit 5: High A&P spends have enabled strong brand creation

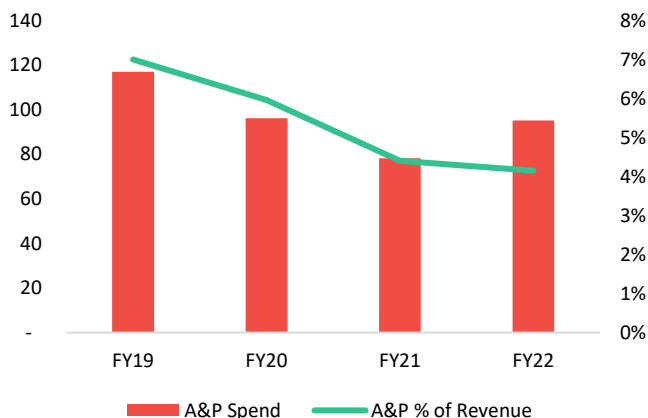
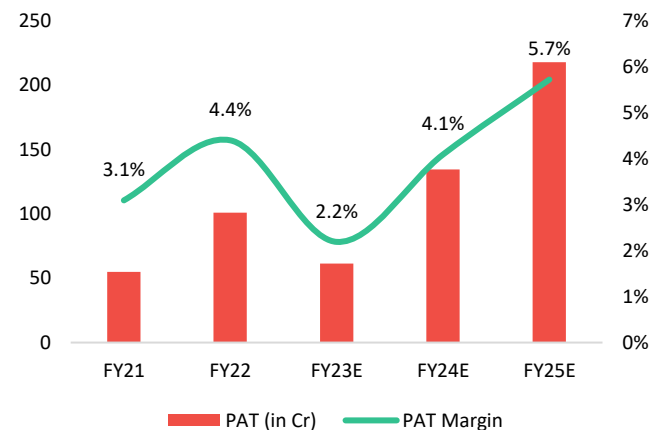


Exhibit 6: APAT CAGR likely at 30% over FY22-FY25E



Source: Company, Nuvama Wealth Research
* = Charts are based on our assumptions

Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

Exhibit 7: Working Capital days at comfortable levels

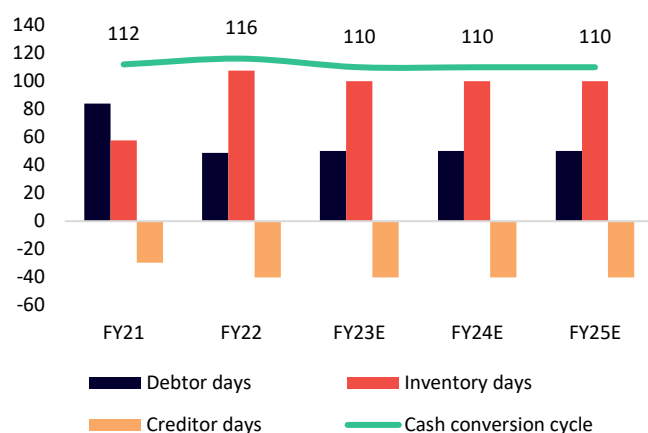


Exhibit 8: Strong revenue and profit growth to drive Operating Cash Flow (OCF)

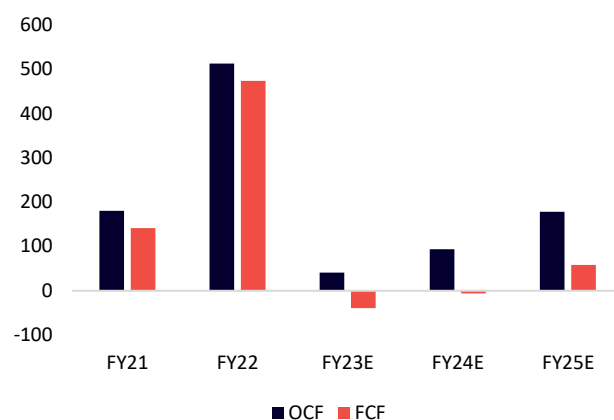


Exhibit 9: Return ratios to improve over FY22-FY25E on the back of better profitability

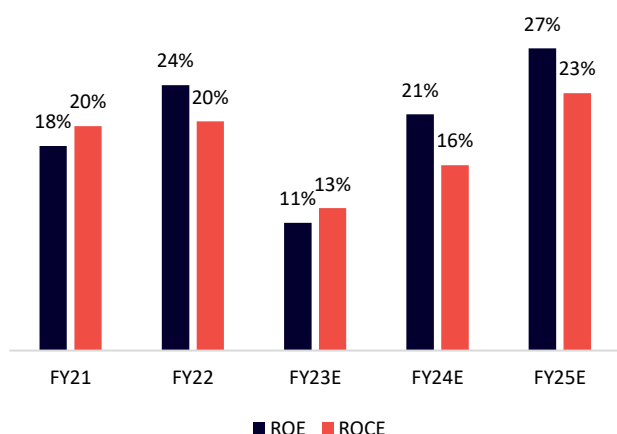
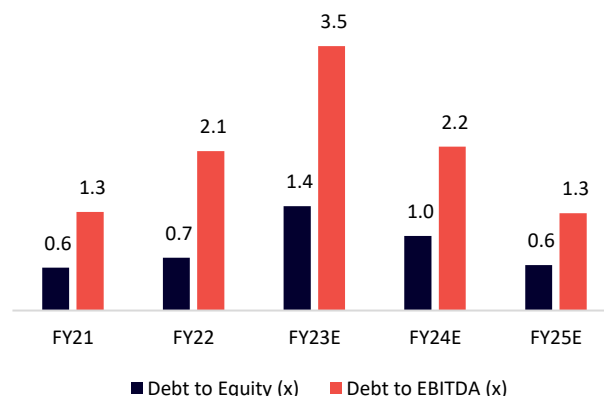


Exhibit 10: Better cash flow generation, working capital management, and debt repayment to lower debt/equity and debt/EBITDA to 0.6x and 1.3x by FY25E



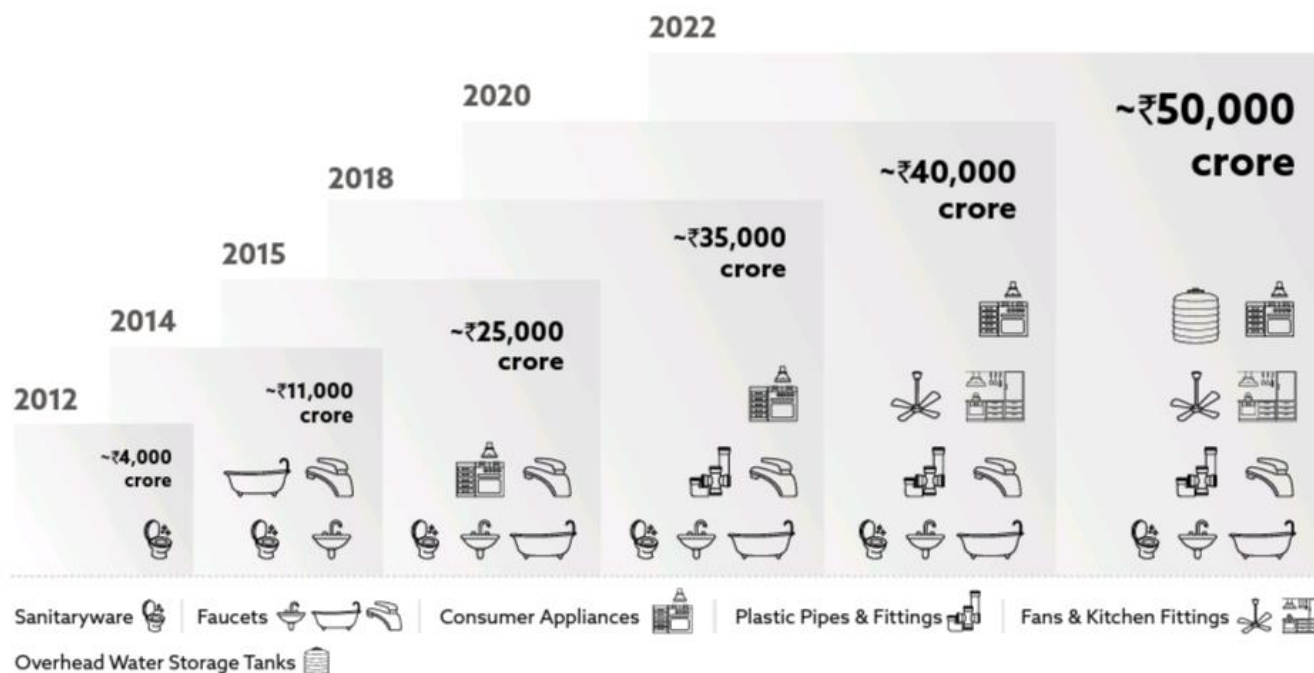
Source: Company, Nuvama Wealth Research
Note: Debt number include lease liabilities

Investment Rationale

I. Expand the addressable market by foraying into new product categories

HINDWARE expanded its addressable market to INR50,000cr in 2022 from INR4,000cr in 2012 by extending its established brand 'Hindware' to new product categories. In 2014, it expanded its product offering from sanitaryware to faucets, to consumer appliances in 2015, and to plastic pipes and fittings in 2018. It ranks in the top five in sanitaryware, faucets, kitchen chimney, and air coolers, and sixth in water heaters. The management aspires to be one of the top five pipe companies and is one of the fastest growing.

Exhibit 11:



i) Bathware :

HINDWARE is the market leader in sanitaryware (with over 23% market share in organised market) and key player faucets. It provides bathware products under a variety of brands across the value chain: 'Queo,' a luxury brand; 'Hindware Italian Collection,' a legacy brand and 'Hindware,' which caters to the premium market. Access to a large client base is provided by more than 350 brand stores, over 20,000 active retail touchpoints, and more than 400 distributors. Dedicated staff cater to over 1,200 prominent institutional clients. Its pan-India service network of more than 650 technicians in over 700 districts meets client demand with a 24/48-hour turnaround time in urban/upcountry areas. Under 'Hindware Italian,' it offers super-premium and premium tiles in over 10 categories that find use in flooring and baths in both commercial and residential establishments.

Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

Exhibit 12: Sanitaryware Market Share

Sanitaryware Market Size in FY22 - INR 5,000cr

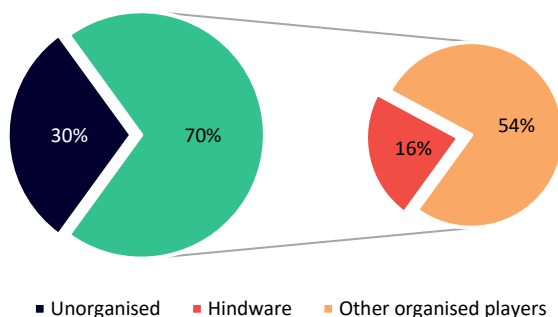
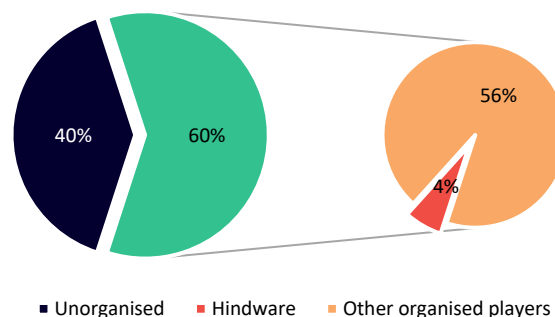


Exhibit 13: Faucets Market Share

Faucet Market Size in FY22 - INR 10,000cr



Source: Industry, Nuvama Wealth Research

Exhibit 14: Bathware Revenue to clock 19% CAGR Share

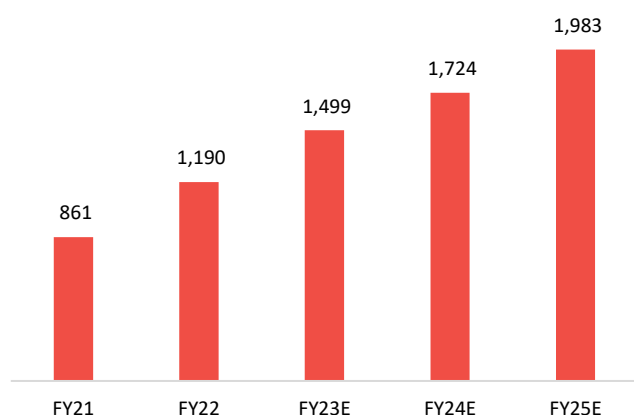
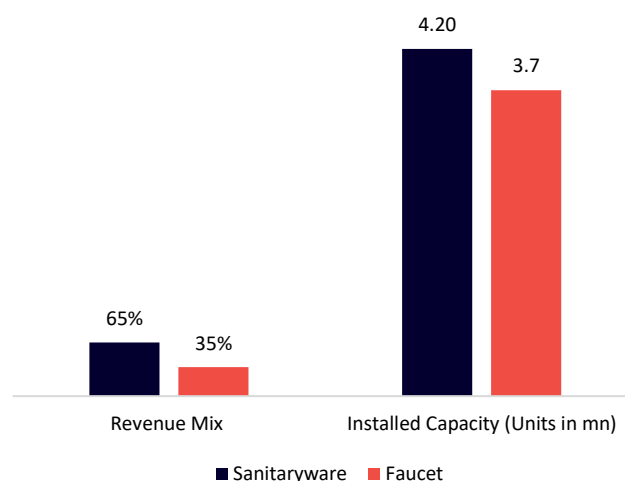


Exhibit 15: HINDWARE's Bathware Capacity and Revenue



Source: Company, Nuvama Wealth Research

The bathware division (mainly sanitaryware and faucets, as the tile business is small) contributes the lion's share of revenue (54%). This business experienced a remarkable resurgence in FY22, with revenue growing 37.8%, led by product launches and developments, a robust distribution network in Tier II and III markets, and healthy real estate demand.

The percentage of sanitaryware/faucets manufactured in-house currently stands at 70%/55–60%. In sanitaryware, the management is focusing on increasing outsourcing (currently: 30–35%). There is enough room to boost the proportion of in-house manufacture in faucets. We expect healthy growth in sanitaryware and faucets over the next three years due to a consistent focus on brand creation, innovative product introductions, consistent expansion in distribution and geographical reach, and strong real estate demand. We expect 19% revenue growth from bathware over FY22–25e. We expect segment EBIT margin to surge 12.5% by FY25 due to improved product mix, higher realisation, and in-house production.

A compelling Play in Building Material Space

ii) Plastic pipes and fittings

To strengthen its position as a total bathroom solutions supplier, it expanded into the plastic pipes and fittings business (including PVC, CPVC, UPVC, and soil-waste-rain or SWR) in FY19. To ensure product and technological superiority in the market, it signed an agreement with Japan's Sekisui Chemical Co. for the supply of chlorinated polyvinyl chloride (CPVC) compound to deliver best-in-class products in India. CPVC production accounts for 40% of the domestic pipes and fittings industry. HINDWARE has strengthened its product development capabilities in the building products market over the years, focusing on green building products, adjusting its product range for local applications, and enhancing cost and operational efficiencies. TRUFLO — HINDWARE's pipes and fittings brand — is the fastest growing domestic brand in its category. It clocked 67% CAGR over FY19–22 owing to more than 1,500 SKUs such as CPVC, lead-free UPVC (unplasticised polyvinyl chloride), SWR pipes, PVC pipes for potable water, and column pipes for borewell applications. Fittings offer the largest margin in the piping business (over 20%) due to the specialised nature of work and the number of SKUs that must be maintained. CPVC offers the second-best margin (16–18%) given its specialised usage (hot and cold water applications), consumer positioning, and raw material sourcing being primarily organised and imported, resulting in a lesser presence of unorganised actors.

Exhibit 16: Domestic Plastic Pipes & Fittings to clock a 12-14% CAGR over FY21-FY25E

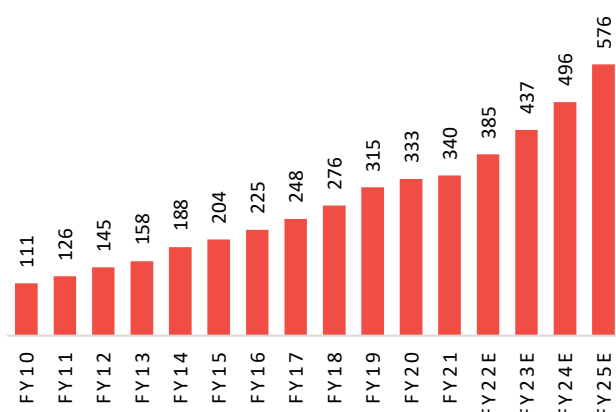


Exhibit 17: Organized segment gaining share on favourable industry dynamics

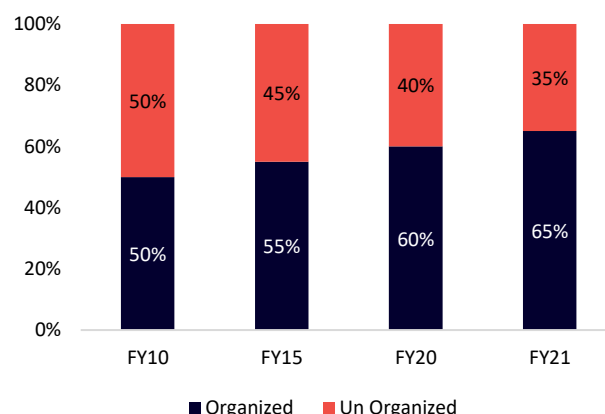


Exhibit 18: Industry Break-up by Polymer type

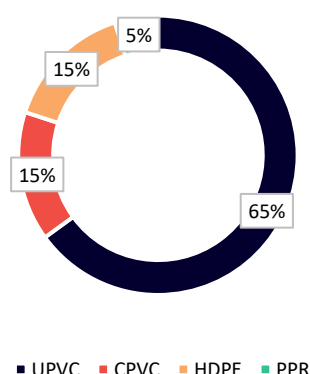
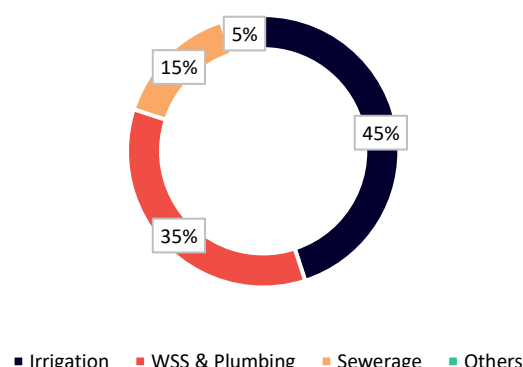


Exhibit 19: Industry Break-up by Application



Source: Nuvama Wealth Research

Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

To meet rising demand, HINDWARE aims to expand its pipes and fittings capacity through brownfield and greenfield expansion. By FY25, it looks to boost overall pipe capacity by 73%. The brownfield expansion, which took place at its existing facility in Telangana and was financed by a combination of internal accruals and borrowings, was completed on January 23. HINDWARE is also investing INR180cr in a greenfield plant in Roorkee, Uttarakhand, via a combination of internal accruals and borrowings. It has concluded the necessary land purchase. Initial manufacturing capacity will be 12,500mt and will turn operational in Q4FY25. Capacity may increase by 2.5–3x at a capex of INR50–60cr in the future. Following this brownfield and greenfield expansion, its total plastic pipes and fittings capacity will expand to 60,500mt, which should meet growing demand and drive growth over the next two-to-three years. It wants to be among the top five players in the sector by FY27–28, with its complementary product portfolio, sales force, excellent professional assistance, and distribution channel.

Exhibit 20: HINDWARE's Plastic Pipes and Fittings to Clock 21% CAGR

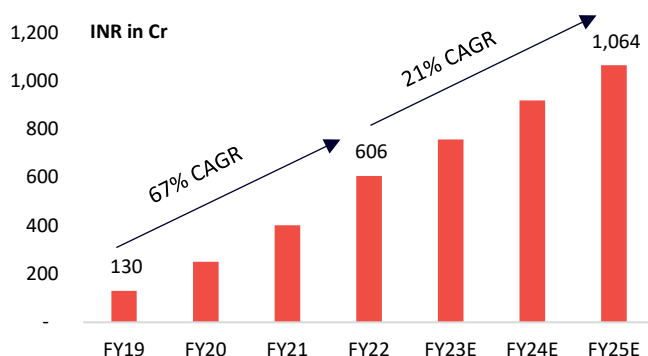
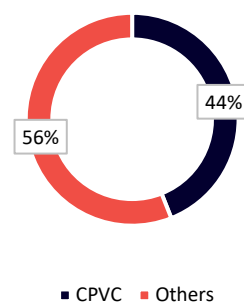


Exhibit 21: HINDWARE's CPVC revenue contribution



Source: Nuvama Wealth Research

Exhibit 22: JINDWARE's Plastic Pipes and Fittings Capacity Addition

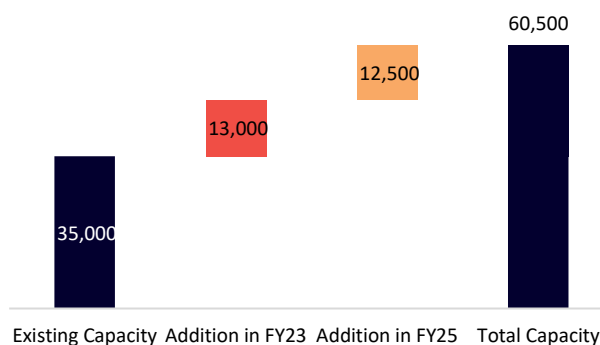
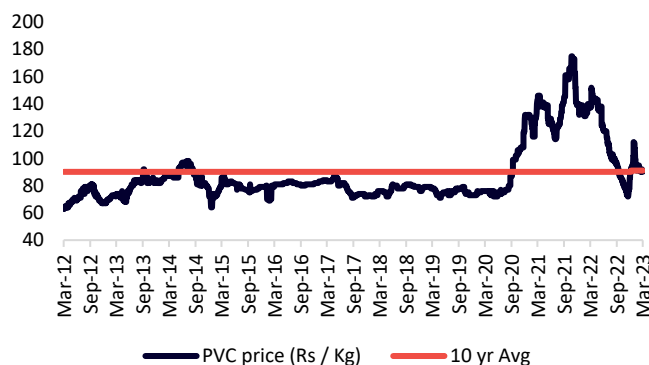


Exhibit 23: PVC price is stabilising near 10 yr avg level



Source: Company, Industry, Nuvama Wealth Research

With the gradual commercialisation of its expanded capacity at the Telangana facility and higher capacity utilisation, driven by extending reach and a healthy demand environment, we expect a rise in revenue at an industry-leading rate. With an inflated revenue base (INR 757cr in FY23e), we expect 21% revenue CAGR over FY22–25e.

A sharp drop in PVC prices over the H1FY23 has impacted margin for most pipes and fittings manufacturers in 9MFY23, with channel de-stocking resulting in sharp inventory losses. In Q3FY23, PVC prices recovered and distributors restocked, which led to the clearing of high-cost inventories. Management said most of its high-cost inventory is being used up, and some inventory gain can be expected in Q4FY23 due to the PVC price increase in Dec 22. Though margin expansion due to inventory gains is expected to subside in FY24, expected stability in PVC prices, positive operating leverage and cost-cutting measures, and product mix improvements can help it achieve 9.5% EBITDA margin by FY25.

A compelling Play in Building Material Space

iii) Consumer Appliance

HINDWARE is the second largest player of kitchen chimneys, hoods, and hobs; the fifth largest producer of air-coolers; and the sixth largest maker of water heaters. It manufactures sinks, water purifiers, fans, room heaters, kitchen and furniture fittings, et al. With over 13,000 retail outlets; more than 1,400 distributors, dealers, modern and large retail stores; and over 160 unique kitchen galleries, it has a wide distribution reach. It achieved 49% revenue CAGR over FY15–22, led by chimney/water heaters/air coolers, which contributed 55%/15%/15% to total segmental sales. e-commerce accounted for ~25% of segmental revenue. It controls ~40% of the Chimney e-commerce market in India. It continues to build a strong portfolio in kitchen chimneys (key revenue contributor), with a focus on superior technology driven solutions and patented innovations such as MaxX Silence and MaxX Auto Clean. Of all brands, HINDWARE has the widest selection of quiet chimneys in India at present.

Exhibit 24: Domestic Built in Hobs Market to Grow at ~11% CAGR

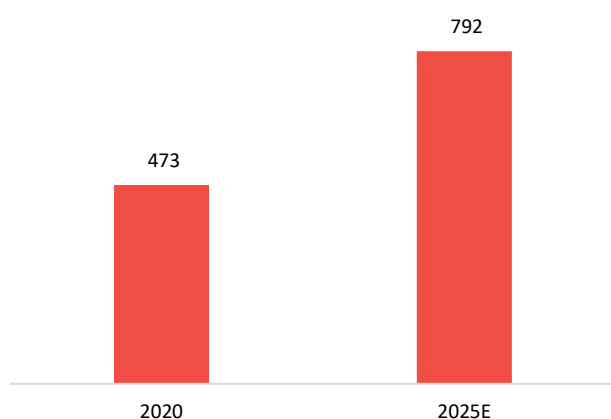
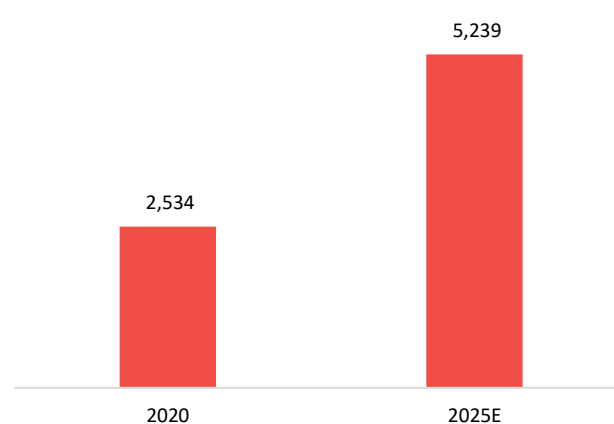


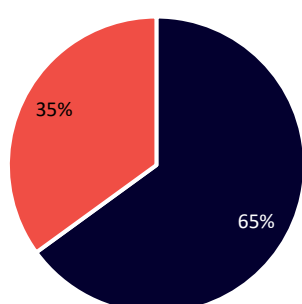
Exhibit 25: Domestic Kitchen Chimneys Market to Grow at 15.6% CAGR



Source: Nuvama Wealth Research

Exhibit 26: Air Cooler Market to Grow at 15-20% CAGR

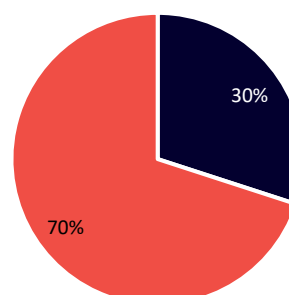
Market Size - INR 5000 cr in FY22



■ Unorganised ■ Organised

Exhibit 27: Water Heater Market to Grow at 10-12% CAGR

Market Size - INR 2600 cr in FY22



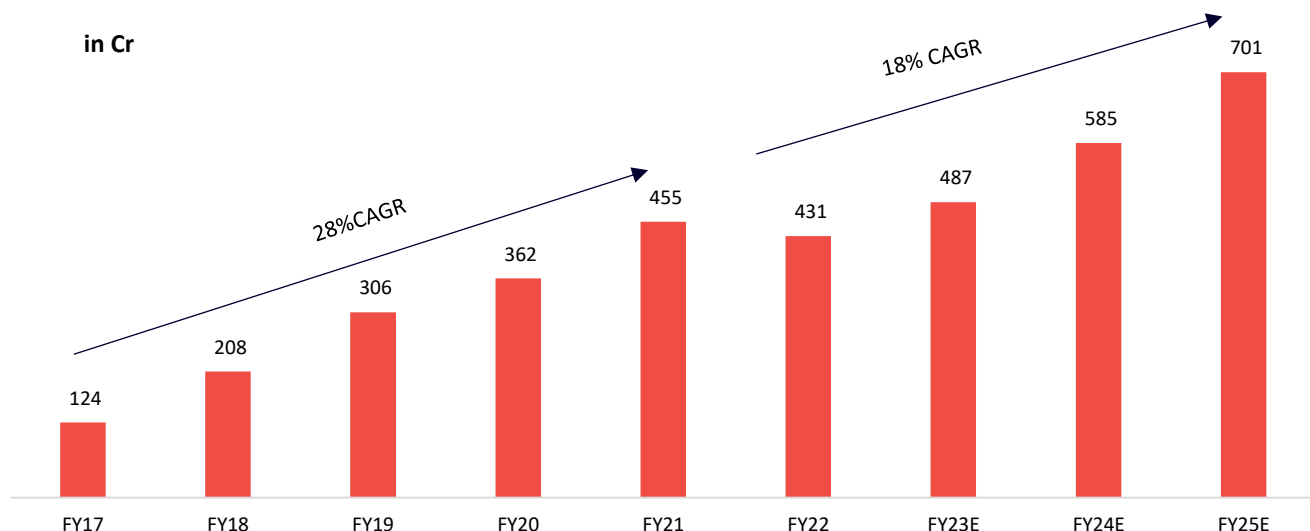
■ Unorganised ■ Organised

Source: Nuvama Wealth Research

Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

Exhibit 28: Consumer Appliances Segment to clock 18% CAGR over FY22-25e



Source: Nuvama Wealth Research

Exhibit 29: Consumer Appliances revenue breakdown (FY22)

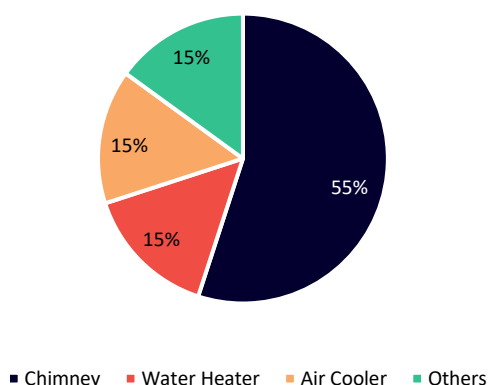
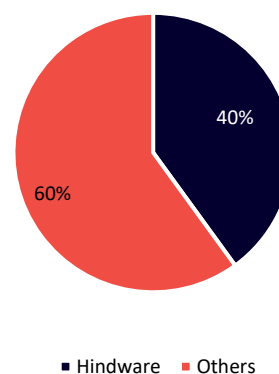


Exhibit 30: Share in E-Commerce for Kitchen Chimney



Source: Company, Nuvama Wealth Research

Going forward, the management aims to concentrate on cutting-edge technology-driven product innovations, with internet of things (IoT)-based smart goods at the forefront. It intends to use its market position to outwit competitors. To boost market penetration and awareness outside brick-and-mortar stores, it is expanding its dealer and retailer network in Tier III and IV cities.

We expect 18% revenue CAGR in the consumer appliances segment over FY22–25 to reach INR701cr by FY25, with an EBITDA margin of 7%, due to increasing scale, with some easing of input cost pressure, improved product mix, a stronger focus on brand building, and product innovation.

A compelling Play in Building Material Space

II. Healthy growth in end-use industry — real estate

Demand for HINDWARE's products is linked to the cyclical real estate sector. After the lifting of COVID-related restrictions, the Indian residential market saw a stellar recovery in FY22, with industry sales volumes returning to FY20 levels and unsold inventory falling to 18 months from 46 months over FY20–9MFY23. However, the recent rise in interest rates globally and higher construction cost led to concerns over the sustainability of residential demand. Demand for ceramics has risen recently due to government initiatives under the Swachh Bharat Abhiyan (SBA) and Pradhan Mantri Awas Yojana (PMAY), along with higher replacement demand. Factors such as increasing urbanisation (with the government's plan to develop at least 100 smart cities), renewed focus on infrastructure growth, a better demographic profile, and increasing awareness of better sanitation facilities augur well for the industry.

According to the Economic Times Housing Finance Summit, around three houses are being built annually per 1,000 people as against the required construction rate of five houses per 1,000 people. The current housing shortage in urban areas is estimated ~1cr units. An additional 2.5cr affordable housing units are required by 2030 to meet the growth in the country's urban population.

The sanitaryware market is seeing a marked shift in consumer preference towards branded products, thereby offering growth opportunities to established players like HINDWARE. The management maintains a strong presence in the domestic mass and mid-market sanitaryware segment. We expect the company to continue to expand its dealer base in Tier II and III cities.

Exhibit 31: Realty: Pan-India inventory months improve MoM

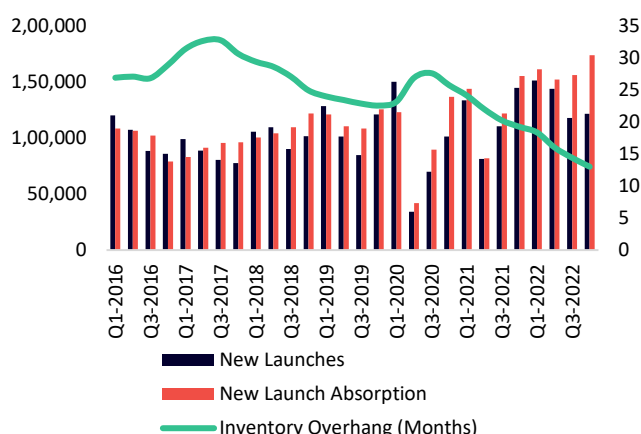


Exhibit 32: CY22 demand is up in all cities

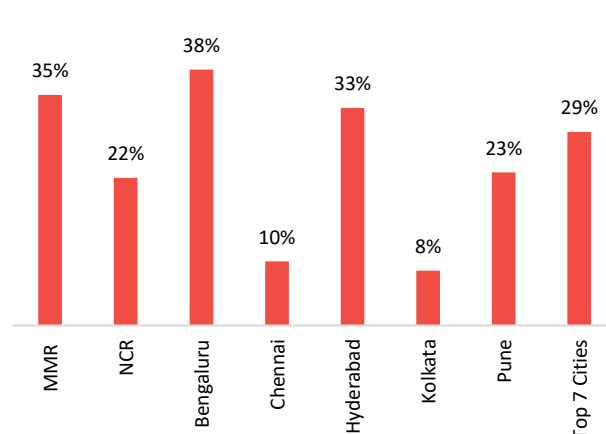


Exhibit 33: Prices, on average, rise YoY in NCR, MMR and Bengaluru

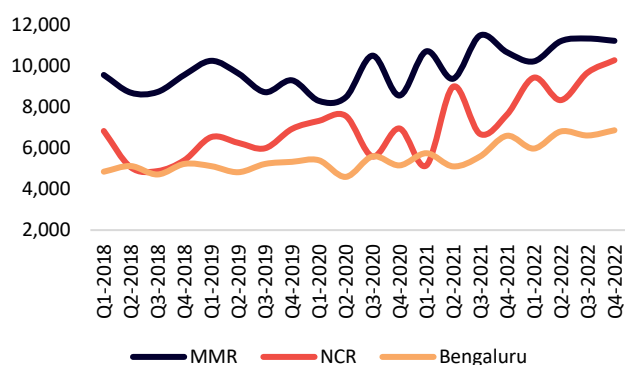
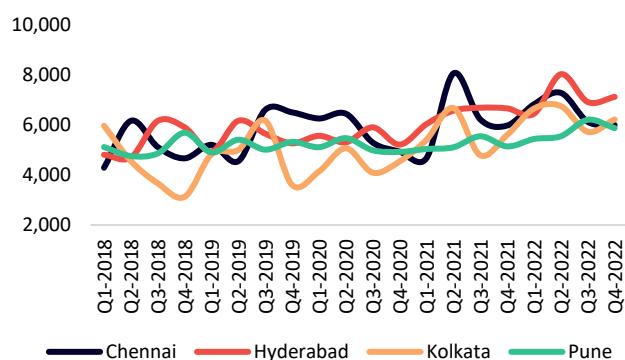


Exhibit 34: Prices increased YoY in all other cities as well



Source: Nuvama Wealth Research

A compelling Play in Building Material Space

III. Collaboration with MNC players to combine technology with distribution reach

HINDWARE recently forayed into the kitchen and furniture fittings segment via a strategic partnership with Italy's FGV. The collaboration enables it to offer a wide range of quality and functional hardware products locally in the modern furniture and modular kitchens segment (such as normal and soft close hinges, side and bottom mounted drawer channels, and drawer systems). In India, the organised market for furniture fittings is largely dominated by three key players: Hettich India, Hafele India, and Ebco. These three players clocked 15–20% revenue CAGR over FY17–22. Its entry into furniture fittings, with foreign technology and a strong distribution network, should help it garner a decent market share in the medium to long term.

Exhibit 35: Hettich, Hafele and EBCO are the three key organised players in domestic Furniture fittings market

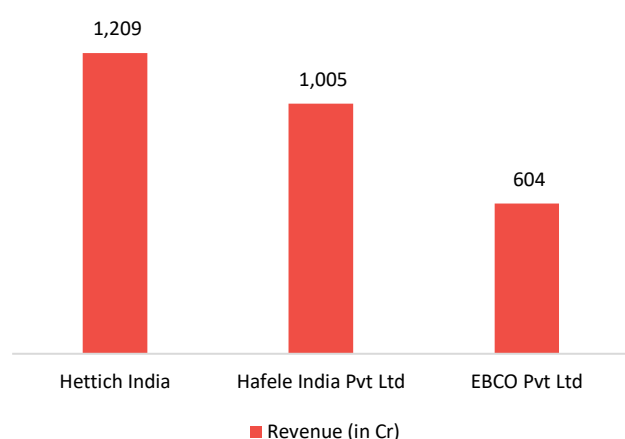
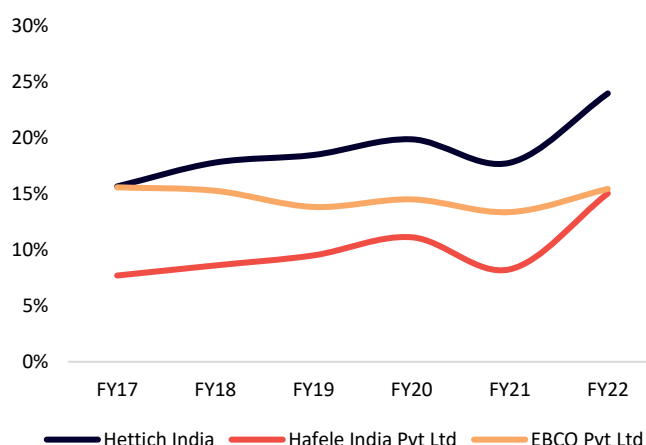


Exhibit 36: Healthy EBITDA margin profile



Source: Nuvama Wealth Research

Exhibit 37: Hindware collaborations with multiple brands for newer offerings and better technologies



Source: Nuvama Wealth Research

The company has collaborated with one of Europe's top brands — Groupe Atlantic — in the heating solutions segment. It formed an equal joint venture — Hintastica Pvt Ltd (HPL) — with Groupe Atlantic, a leading French conglomerate in water heaters and heating solutions. The JV houses the manufacturing, marketing, and distribution of water heaters and room heaters in SAARC, except Pakistan, under the brand name Hindware Atlantic. Earlier the water heater business was operating in a standalone entity, but was transferred to its fully owned subsidiary HPL in December 2020. In Q4FY21, Groupe Atlantic acquired a 50% stake in HPL for INR68cr, transforming HPL into an equal JV.

A compelling Play in Building Material Space

Under this JV, HINDWARE's new facility in Telangana is expected to turn operational over the next few months. HPL will leverage Groupe Atlantic's proven expertise in manufacturing and assembly as well as HINDWARE's strengths in marketing and distribution to deliver to consumers in the SAARC region. This will further reinforce its position in the growing domestic water heater market. The JV will also have access to a wide range of products in Groupe Atlantic's portfolio.

Exhibit 38: Domestic water heater market to Grow at ~7% CAGR

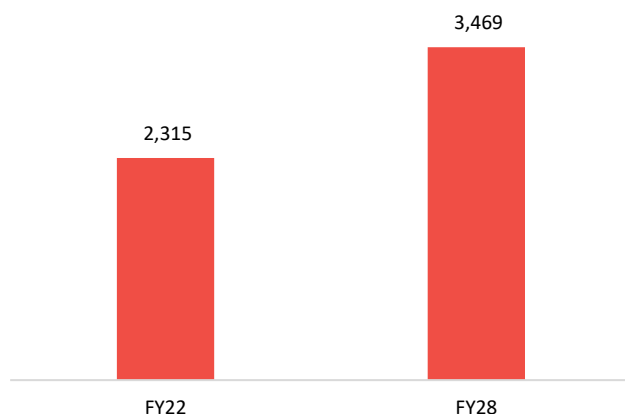


Exhibit 39: Groupe Atlantic generates euro 500mn revenue from water heater in global market



Source: Nuvama Wealth Research

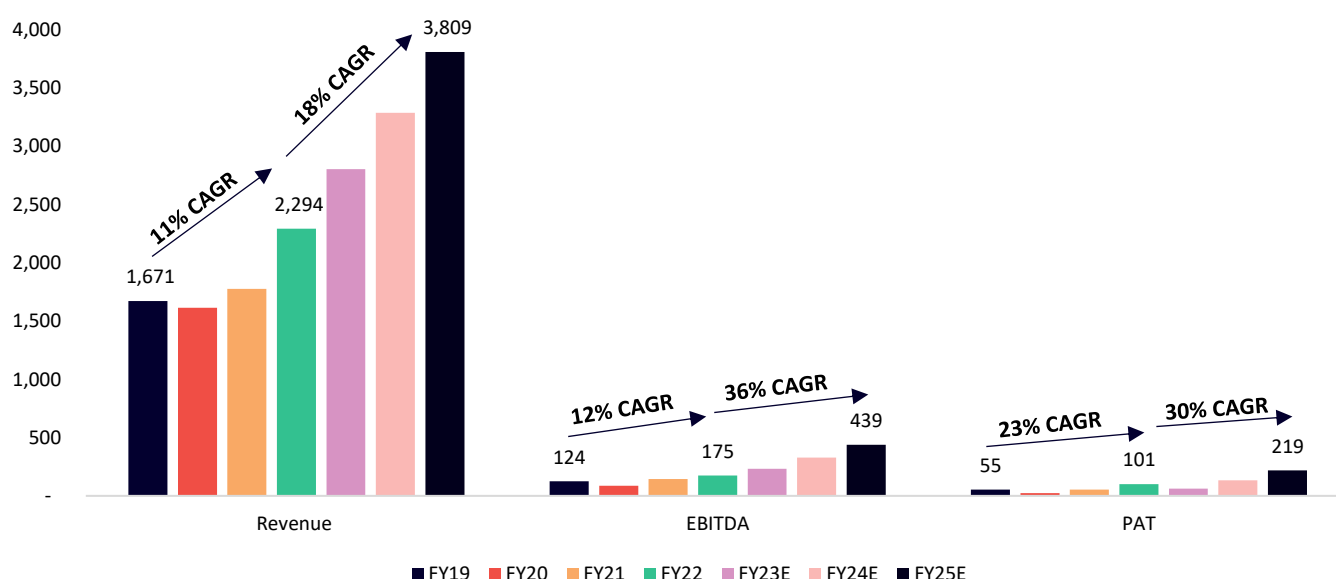
HINDWARE provides products in a highly competitive market with a low barrier to entry. Through its product categories, it competes with several brands in both the organised and unorganised market. Via technological partnership with global firms and the introduction of innovative products, it can increase its market share by utilising its extensive and efficient distribution network.

A compelling Play in Building Material Space

IV. Financial performance to improve further

We expect 18.4% CAGR in consolidated revenue over FY22–25 due to significant growth across business segments. The management expects the bathware segment to grow 1.25–1.5x faster than industry growth and sees 20–25% revenue CAGR in consumer appliances over FY22–25. Management also anticipates a revenue of INR1,000cr in pipes and fittings by FY25E. We believe the company can exceed this target, given the favourable demand environment in the sector and commissioning of new pipe capacity. We expect EBITDA margin to expand 391bp over FY22–25, led by benefits of scale across segments, integration of manufacturing units within building products, operational efficiencies, and easing commodity pressure. Post-acquisition of the manufacturing unit of another group company, incremental capex is limited to the planned expansion in the PVC pipe segment over the next two-to-three years. The management has guided at an improvement of 10–20 days/year in overall working capital days over the next two years. We expect adjusted net profit to clock 30% CAGR, slightly lower than EBITDA growth, due to higher interest cost in FY23. We foresee a decline in interest cost as the management aims to repay INR200–250cr in borrowings over the next two years with the help of better cash flow generation. Incremental capex will be limited to already planned expansion in the plastic pipe segment over the next two-to-three years, which should keep depreciation under control. With the twin levers of scale and operating efficiencies playing out, we expect a steady improvement in return ratios after a decline in FY23 (RoE/RoCE of 26%/23% in FY25E), resulting in substantial operating cash flow generation (average OCF of INR104cr/year), backed by healthy growth in revenue and profitability. We expect consolidated leverage (debt/equity ratio) to touch 0.6x in FY25 (after rising to 1.4x in FY23) from 0.7x in FY22 due to an improvement in operating profit and debt repayment.

Exhibit 40: Consolidated Revenue/EBITDA/adjusted PAT to clock 18%/36%/29% CAGR over FY22–25



Source: Nuvama Wealth Research

A compelling Play in Building Material Space

Exhibit 41: Return ratios to improve over FY22-FY25E on better profitability

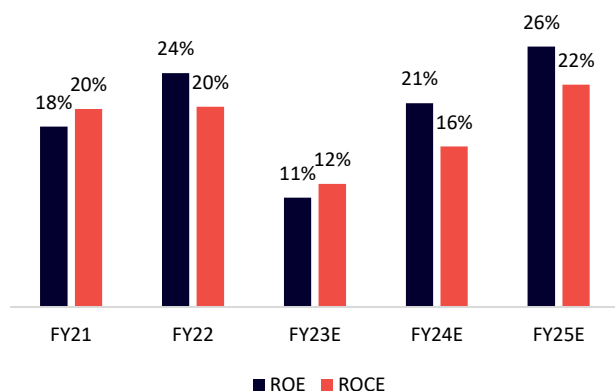
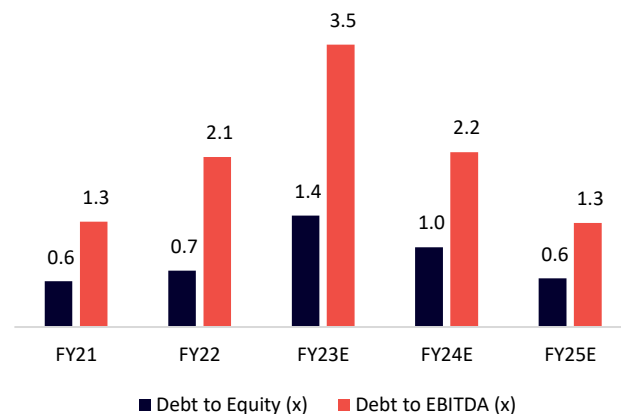


Exhibit 42: Better cash flow generation, working capital management, and debt repayment to lower debt/equity and debt/EBITDA to 0.6x and 1.3x by FY25E



Source: Nuvama Wealth Research
Note: Debt number include lease liabilities

Exhibit 43: Working Capital days at comfortable levels

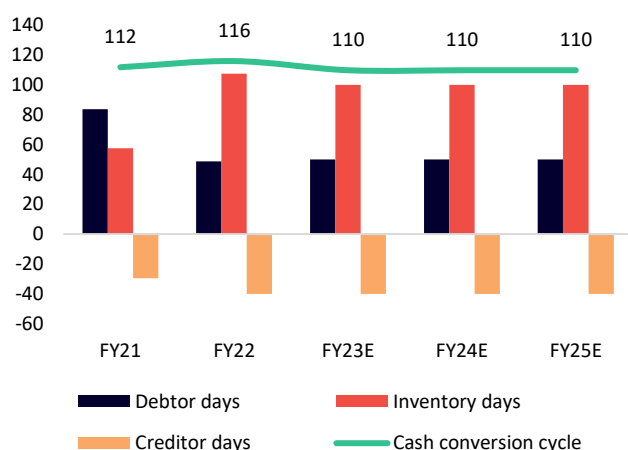


Exhibit 44: Strong revenue and profit growth to drive Operating Cash Flow (OCF)



Source: Nuvama Wealth Research

Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

V. Peer Comparison

Although HINDWARE has three key business areas, with distinct business dynamics, we compared its valuation and business to that of other listed companies in the same segment. We compared its bathware performance to that of Cera Sanitaryware, Roca India (unlisted), and Jaquar as these companies are among the top five in the domestic sanitaryware and faucet market. We compared its performance to that of Astral, Apollo Pipes, and Prince Pipes & Fittings as these players derive a lion's share of their income from the pipes segment. HINDWARE is the fastest-growing entity in plastic pipes and fittings and aims to be among the top five. Due to its concentration in the kitchen appliance market, we have limited our comparison to listed players like Butterfly Gandhimathi and Stovekraft, as well as unlisted companies like Elica India, Faber India, and Sunflame. Kitchen appliances currently account for 55–60% of its consumer appliance sales of HINDWARE.

Bathware Sector (Sanitaryware + Faucet)

Exhibit 45: Revenue of Key players in sanitaryware and Faucet Players in Domestic Market (FY22)

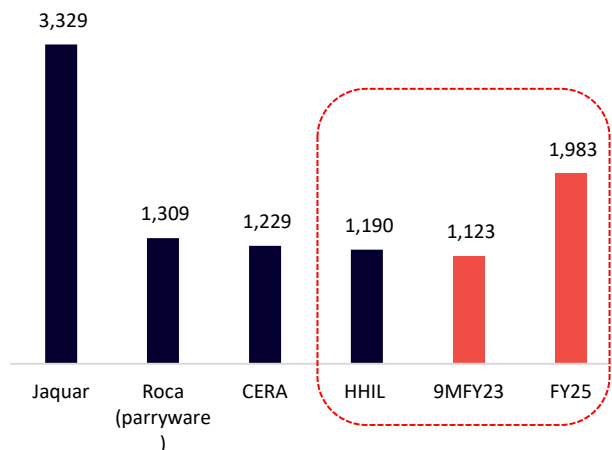
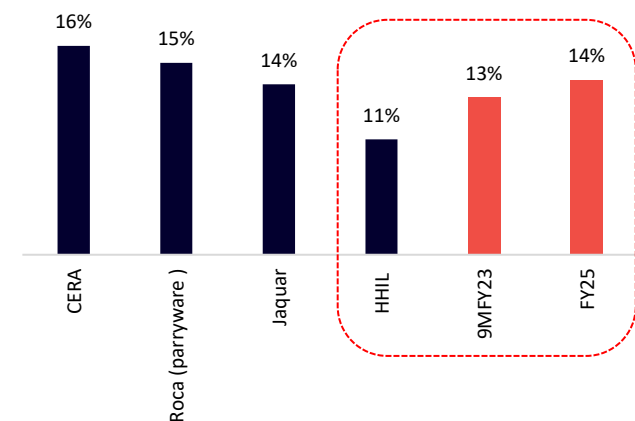


Exhibit 46: EBITDA margin comparison among Bathware players (FY22)



Source: Nuvama Wealth Research

Exhibit 47: Market share of sanitaryware players

Indian sanitaryware and faucet industry (FY22)			
Sanitaryware market in India	INR 50bn	Faucetware market in India	INR 100bn
Growth %	6-7%	Growth %	8-10%
Organised market	70%	Organised market	~60%
Organised market Share		Organised market Share	
HINDWARE	23%	HINDWARE	6%
CERA	22%	CERA	8%

	HINDWARE	CERA
Installed Capacity - Sanitaryware	4.2mn Units	3.3mn Units
Installed Capacity - Faucets	3.7mn Units	2.8mn Units
Revenue (INR Cr)	1,190	1,243
Revenue Share	Sanitaryware 35% Faucet 17%	Sanitaryware 52% Faucet 33%
Retail Touchpoint	20,000	17,000
Brand stores/Galleries	350	157
After sales service network	650	364

Source: Industry, Nuvama Wealth Research

Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

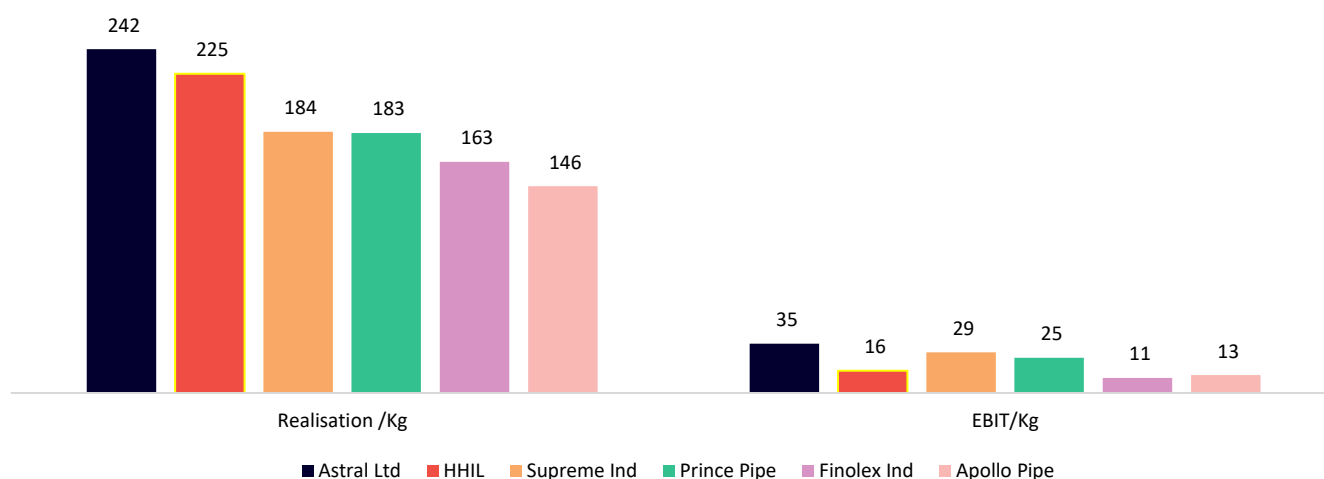
Exhibit 48: Pipes & Fitting Business

Comparative Analysis of Key Players						
Particulars	Supreme Industries	Finolex Industries	Ashirvad Pipes*	Astral Pipes	Prince Pipes	HHIL
Sales Volume in MT	3,93,908	2,36,895	1,49,532	1,42,400	1,39,034	26,600
Utilization (%)	77%	64%	75%	52%	46%	76%
FY22 Pipes Revenues (INR Cr)	5,046	3,853	4,504	3,366	2,546	606
FY17-22 Pipes Revenue CAGR	12%	12%	18%	16%	16%	67%
% of revenues from Plastic pipes & fittings	65%	76%	100%	76%	100%	26%
Mkt. share in organized industry	18%	10%	10%	9%	6%	1%
No. of Distributors	4,053	900	1,500	2,535	1,500	270
Irrigation: Residential Mix	#25%:75%	63%:37%	10%:90%	10%:90%	31%:69%	0%:100%
Advertisement & Sales Promotion (as % of sales)	1-2%	1-2%	2-4%	2-4%	1-3%	4-6%
ROCE (3 yr Avg)	31%	29%	34%	27%	26%	17%
Pipe EBIT margins %	16%	6%	15%	15%	14%	7%
Debt To Equity	0.00	0.07	0.04	0.04	0.12	0.27
Foreign Partner for supply of CPVC resin/Compound	Kaneka Corporation	Multiple Sources	Lubrizol	Sekisui	Lubrizol	Sekisui

Source: Industry, Nuvama Wealth Research

HINDWARE earns a higher realisation per kg than its competitors (except Astral) due to better product quality and predominantly a non-agri business mix. Rising overhead costs is reducing profitability. As the scale increases, the benefits of operating leverage should kick in, driving its margin profile.

Exhibit 49: HINDWARE enjoys higher realisation compared to other established players



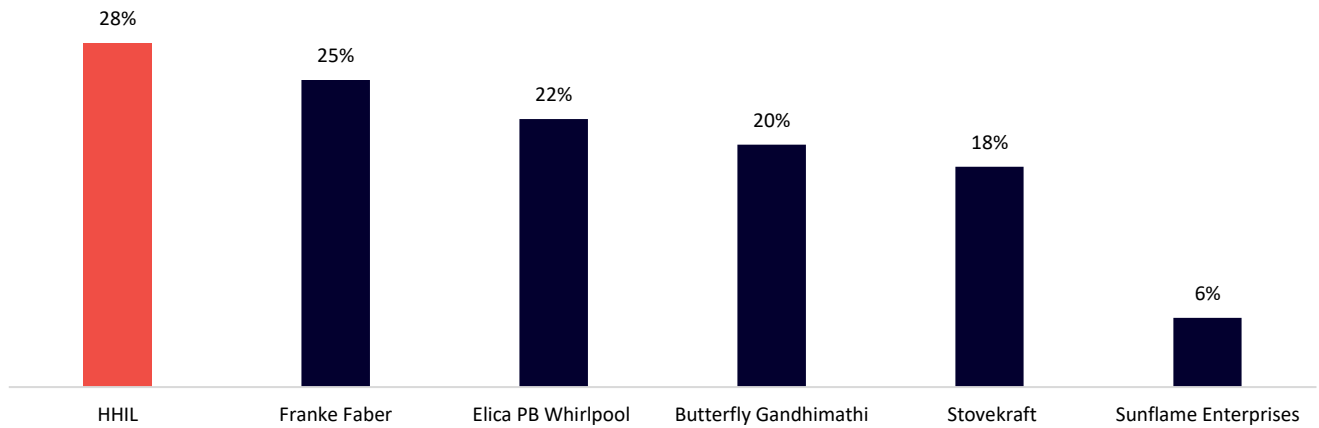
Source: Nuvama Wealth Research

A compelling Play in Building Material Space

Consumer Appliance Business

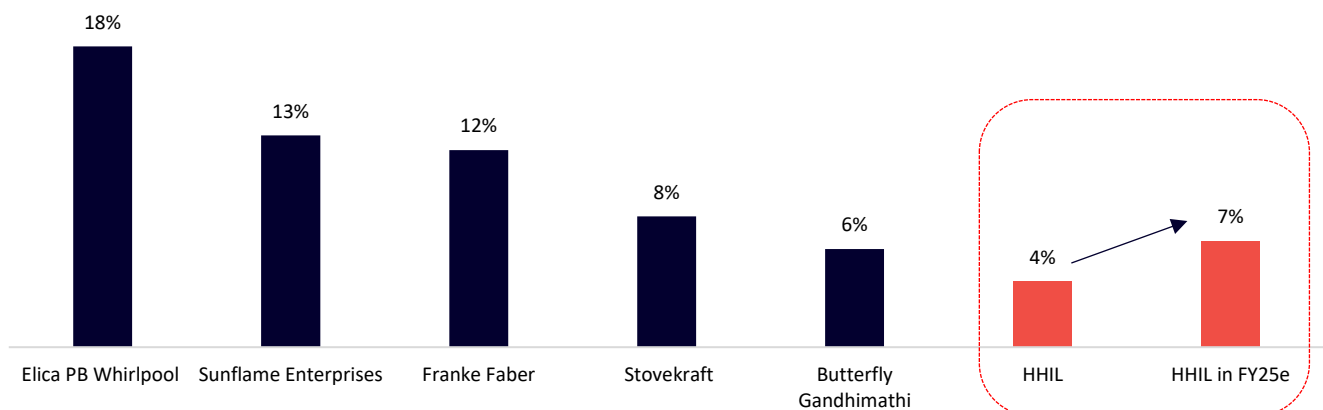
Exhibit 50: HHIL is the fastest growing consumer durable company in its product categories

5 yr Revenue CAGR



Source: Nuvama Wealth Research

Exhibit 51: EBITDA Margin % (FY22)



Source: Nuvama Wealth Research

A compelling Play in Building Material Space

Outlook and Valuation

With a leading presence in the sanitaryware segment and strong interest in allied businesses (which includes faucetware, pipes, and consumer appliances), we expect HINDWARE to gain traction in coming years. A well-balanced product portfolio with a wide range of price points, a strong distribution network, and expanding brand awareness in Tier II and III cities bode well for accelerating the earnings growth momentum. We expect 18%/36%/30% CAGR in consolidated revenue/EBITDA/adjusted PAT over FY22–25e due to strong growth across all segments, aided by a healthy industry outlook and the management's ambitious growth strategy. With the integration of building goods, cost reductions, and benefits of scale, we expect a 391bp improvement in EBITDA margin over FY22–25 to 11.5%. We are optimistic about growth in consumer appliances as we see increased penetration of such appliances in Indian households. HINDWARE's prospects appear bright given the management's focus on growth. The stock trades at 11.6x FY25E EPS at the CMP — a considerable discount to its peers. Given its high brand recall, healthy growth forecast, and improving Balance Sheet, valuations appear appealing. We initiate coverage with a 'BUY' rating and a two-year TP of INR546, valuing the stock at 18x P/E on a FY25E EPS of INR30.

Exhibit 52: Valuation comparison with its listed peers

Companies	CMP	Mcap (in Cr)	P/E (x)				EV/EBITDA (x)				CAGR FY22-25E (%)		ROE (%) FY25E
			FY22	FY23E	FY24E	FY25E	FY22	FY23E	FY24E	FY25E	Revenue	PAT	
Cera Sanitaryware	6,439	8,374	55	42	35	31	33	27	22	20	17	22	18
Astral	1,336	35,887	74	78	53	43	48	48	36	31	17	20	23
Finolex Industries	172	10,672	10	35	18	16	9	29	13	12	2	-15	14
Supreme Industries	2,514	31,935	33	40	30	27	26	29	22	20	10	8	24
Prince Pipes and Fittings	555	6,136	25	89	24	19	15	36	15	13	9	8	19
TTK Prestige	714	9,897	32	39	30	25	21	26	20	17	11	9	17
V-Guard Industries	254	10,967	48	51	36	30	31	32	22	19	16	18	20
Hindware Home Innovation	348	2,516	25	40	19	11	16	12	9	7	18	30	27
Peer Set Average			40	54	32.4	27	26	32	22	19	12	10	19
Peer Set Median			33	42	30	27	26	29	22	19	11	9	19

Source: Bloomberg, Nuvama Wealth Research

A compelling Play in Building Material Space

Key Risks

Undercutting by unorganised players

As HINDWARE's focus is on mid and premium quality products, largely targeted at first-time users in Tier II and III cities, it faces greater competition from unorganised players rather than higher-priced products. Unorganised players have resorted to undercutting to mitigate losses from the implementation of the e-way bill. This has resulted in a slower industry transition to organised from the unorganised segment.

Slowdown in the real estate sector

The building material industry derives its demand from the real estate sector. Hence, any slowdown in the latter will also impact ceramic companies like HINDWARE.

Susceptibility to volatility in raw material prices

The volatility in fuel prices (primarily natural gas) and other key raw materials (various types of clay, brass, and chrome plating) directly impacts its cost of production.

Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

Exhibit 53: HINDWARE is trading below average 1yr forward P/E multiple

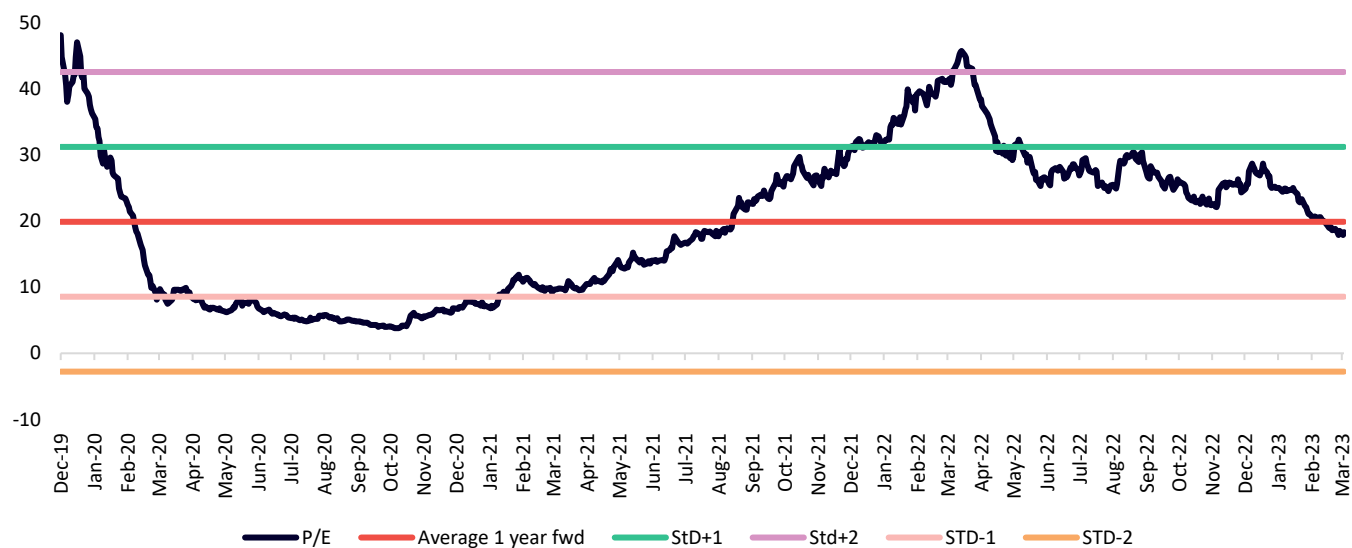
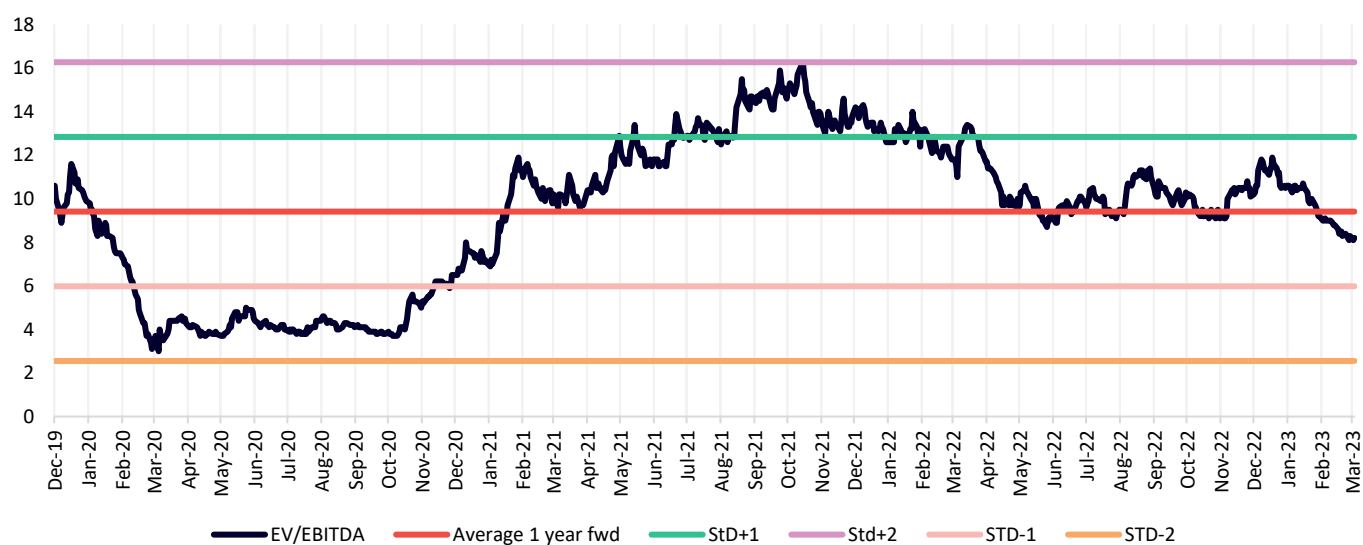


Exhibit 54: HINDWARE is trading below average 1yr forward EV/EBITDA multiple



A compelling Play in Building Material Space

Management Profile

Name	Designation	Profile
Mr. Sandip Somany	<i>Chairman and Non-Executive Director</i>	He holds a Graduate degree and a diploma in Ceramic Manufacturing technology from the US. He has over 37 years of experience in the ceramics and glass industry. He is the Chairman of the Indian Council of Sanitaryware Manufacturers (INCOSAMA). He has served as the President of the PHD Chamber of Commerce and Industry (PHDCCI) and the President of the International Chamber of Commerce – (headquartered in Paris) India Chapter. He was also the Past-President of FICCI.
Mr. Sudhanshu Pokhariyal	<i>CEO – Bathware, Hindware Limited</i>	He has over 25 years' experience in FMCG and building products. He has earlier worked with companies such as Asian Paints, Coca-Cola, SC Johnson and Raymond.
Mr. Rajesh Pajnoo	<i>CEO - Pipes, Hindware Limited</i>	He has over 28 years of experience including 20+ years in the plastic and PVC industry and has worked on various leadership roles and establishing businesses/ brands from inception. He has previously worked at Kisan Mouldings Limited as COO.
Mr. Sandeep Sikka	<i>Group CFO</i>	He has over 27 years of experience in varied aspects like raising growth capital, cost optimization and business planning & control. He has previously worked at Usha International as Group CFO and at Jindal Stainless Limited.
Mr. Naveen Malik	<i>CFO – HHIL</i>	He is a Chartered Accountant, Law Graduate and holds a degree in Aviation management from IIM Ahmedabad. He has over 27 years of experience in Project Finance & implementation, Investor Relations, Taxation and Insurance and has earlier worked with Godrej and GMR Group.

Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

Company Overview

HHIL is a newly created entity that was demerged from HSIL Limited and renamed Hindware Home Innovation Limited (HHIL) to align with its brand Hindware, to ensure greater recall value, and as part of their well-planned growth strategy. HHIL is involved in the manufacturing, branding, marketing, sales, distribution, trading, and service of consumer appliances and building products under the brand names 'Hindware', 'Moonbow', 'TRUFLO', and furniture retail business under the brand name 'Evok'. The company has three business verticals, each with its own CEO (Bathware Products, Pipes & Fittings, and Consumer Appliances). The company has distinct distribution channels for all business segments and is focusing on Omni channel presence to increase market reach. Hintastica Private Limited (HPL) is a 50:50 partnership between Hintastica and Groupe Atlantic, a global leader in heating solutions.

Exhibit 55: HHIL Business Structure

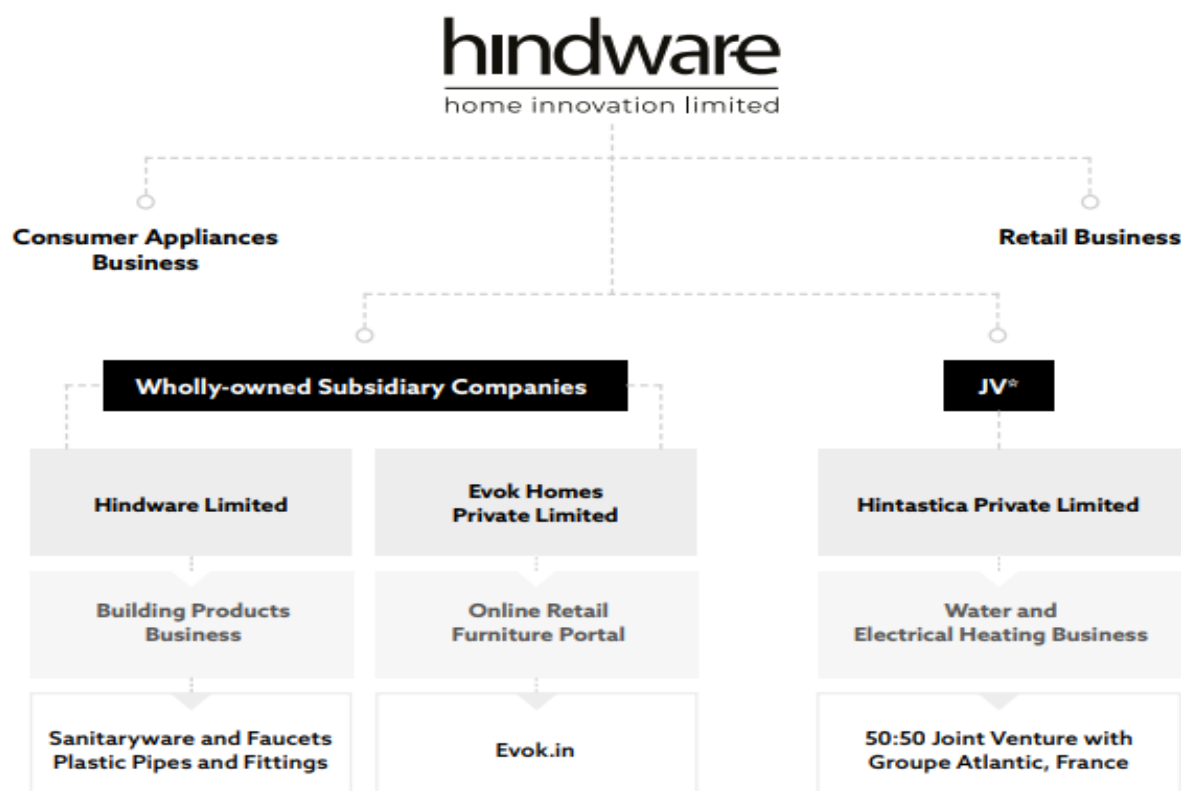
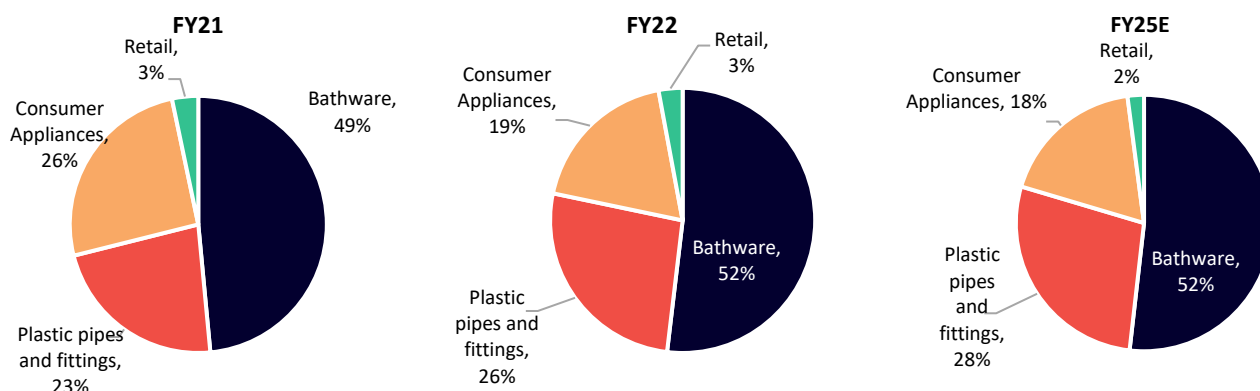


Exhibit 56: Segmental Revenue

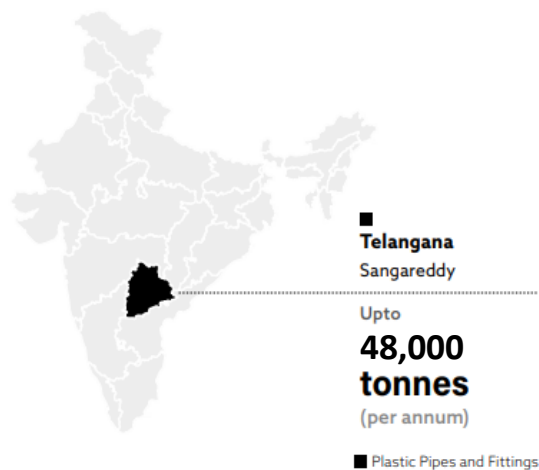


Long Term Recommendation Hindware Home Innovation Ltd.

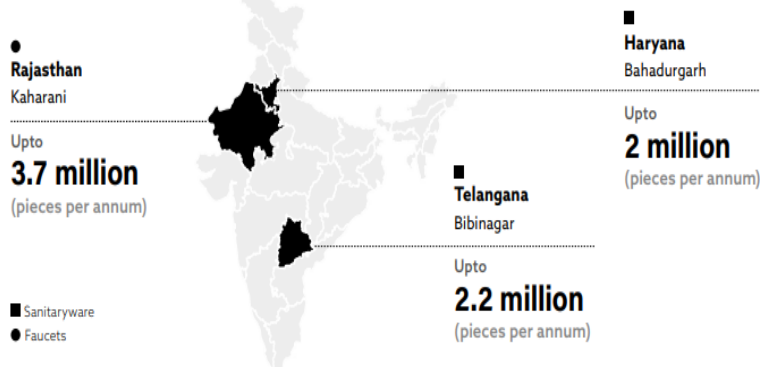
A compelling Play in Building Material Space

Manufacturing Facilities

Plastic Pipes & fittings



Bathware



Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

Financials

Income Statement					(INR cr)
Year to March	FY21	FY22	FY23E	FY24E	FY25E
Income from operations	1,775	2,294	2,804	3,288	3,809
Direct costs	1,194	1,565	1,579	1,823	2,080
Employee costs	181	231	404	445	489
Other expenses	257	323	589	690	800
EBITDA	143	175	232	329	439
Depreciation and amortization	39	39	93	104	116
EBIT	104	135	139	226	324
Interest expenses	29	20	73	64	51
Other income	18	29	28	28	28
Profit before tax	92	144	94	190	301
Provision for tax	38	42	25	48	76
Core profit	55	103	69	142	225
Extraordinary items	-	101	-	-	-
Profit after tax	55	203	69	142	225
Minority interest	-	-	-	-	-
Share from JV / Associate	-	-	2	6	6
Adjusted net profit	55	202	63	136	219
Equity share outstanding (Cr)	7	7	7	7	7
EPS (INR) basic	8	28	9	19	30
Diluted shares (mn)	7	7	7	7	7
EPS (INR) fully diluted	8	28	9	19	30
Dividend per share	0	0	1	1	1
Dividend payout (%)	4	2	7	5	4

Common size metrics - as % of net revenues

Year to March	FY21	FY22	FY23E	FY24E	FY25E
Operating expenses	91.9	92.4	91.7	90.0	88.5
Depreciation	2.2	1.7	3.3	3.2	3.0
Interest expenditure	1.7	0.9	2.6	1.9	1.3
EBITDA margins	8.1	7.6	8.3	10.0	11.5
Net profit margins	3.1	8.8	2.2	4.1	5.8

Growth metrics (%)

Year to March	FY21	FY22	FY23E	FY24E	FY25E
Revenues	10.0	29.2	22.2	17.3	15.8
EBITDA	62.3	22.1	32.8	41.9	33.4
PBT	178.7	56.2	-34.6	100.9	58.8
Net profit	136.6	267.6	-68.8	116.1	61.3
EPS	136.6	267.6	-68.8	116.1	61.3

Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

Balance Sheet

(INR cr)

As on 31st March	FY21	FY22	FY23	FY24	FY25
Equity share capital	14	14	14	14	14
Preference share capital	-	-	-	-	-
Reserves & surplus	315	512	570	698	908
Shareholders' funds	330	526	584	713	922
Secured Loans	189	219	469	469	319
Unsecured Loans	-	142	342	242	242
Borrowings	189	362	812	712	562
Minority interest	-	-	-	-	-
Other liabilities	-	-	-	-	-
Sources of funds	519	888	1,396	1,424	1,484
Gross block	265	878	977	1,097	1,217
Depreciation	108	135	228	332	447
Net block	157	743	749	765	769
Capital work-in-progress	11	59	40	20	20
Total fixed assets	168	802	789	785	789
Unrealized profit	-	-	-	-	-
Investments	26	114	114	114	114
Inventories	280	675	768	901	1,043
Sundry debtors	408	306	384	450	522
Cash and equivalents	8	27	432	319	217
Loans and advances	101	154	154	154	154
Other current assets	-	-	-	-	-
Total current assets	797	1,162	1,739	1,824	1,937
Sundry creditors and others	415	1,206	1,263	1,316	1,373
Provisions and others	19	8	8	8	8
Total CL & provisions	433	1,214	1,271	1,324	1,381
Net current assets	363	-	53	500	555
Net deferred tax	37	38	38	38	38
Other Assets	-	74	-	13	-
Misc expenditure	-	-	-	-	-
Uses of funds	519	888	1,396	1,424	1,484
Book value per share (INR)	46	73	81	99	128

Cash flow statement

(INR cr)

Year to March	FY21	FY22	FY23E	FY24E	FY25E
Net profit	55	101	63	136	219
Add: Depreciation	39	39	93	104	116
Add: Misc expenses written off	-	21	-	-	-
Add: Deferred tax	6	-	2	-	-
Add: Others	-	-	-	-	-
Gross cash flow	79	78	156	240	335
Less: Changes in W. C.	-	101	-	146	157
Operating cash flow	180	513	41	94	178
Less: Capex	39	39	80	100	120
Free cash flow	141	474	-39	-6	58

Long Term Recommendation Hindware Home Innovation Ltd.

A compelling Play in Building Material Space

Ratios

Year to March	FY21	FY22	FY23E	FY24E	FY25E
RoAE (%)	18.2	23.5	11.3	20.9	26.8
RoACE (%)	19.9	20.3	12.6	16.4	22.8
Debtors (days)	84	49	50	50	50
Current ratio	1.8	1.0	1.4	1.4	1.4
Debt/equity	0.6	0.7	1.4	1.0	0.6
Inventory (days)	58	107	100	100	100
Payable (days)	30	40	40	40	40
Cash conversion cycle (days)	112	116	110	110	110
Debt/EBITDA	1.3	2.1	3.5	2.2	1.3
Adjusted Debt/equity	0.6	0.6	0.6	0.6	0.4

Valuation parameters

Year to March	FY21	FY22	FY23E	FY24E	FY25E
Diluted EPS (INR)	7.6	13.9	8.7	18.8	30.3
Y-o-Y growth (%)	136.6	83.8	-	37.6	116.1
CEPS (INR)	13	19	22	33	46
Diluted P/E (x)	45.9	25.0	40.0	18.5	11.5
Price/BV (x)	7.6	4.8	4.3	3.5	2.7
EV/Sales (x)	2	1	1	1	1
EV/EBITDA (x)	19	16	12	9	6.5
Diluted Shares O/S (Cr)	7	7	7	7	7
Basic EPS (INR)	7.6	13.9	8.7	18.8	30.3
Basic P/E (x)	45.9	25.0	40.0	18.5	11.5
Dividend yield (%)	0.1	0.1	0.1	0.2	0.3

Nuvama Wealth and Investment Limited, Eight Floor 801 to 804, Inspire BKC G Block, BKC Main Road, Bandra Kurla Complex,
Bandra East, Mumbai-400051

Sandeep Raina

Head of Research – Professional Client Group

sandeep.raina@nuvama.com

Nuvama Wealth and Investment Limited (Formerly known as Edelweiss Broking Limited) ("NWIL") or ("Research Entity") is regulated by the Securities and Exchange Board of India ("SEBI") and is licensed to carry on the business of broking, depository services and related activities. The business of NWIL and its Associates (list available on www.nuvamawealth.com) are organized around five broad business groups: Credit including Housing and SME Finance, Commodities, Financial Markets, Asset Management and Life Insurance

Broking services offered by Nuvama Wealth and Investment Limited under SEBI Registration No. INZ 000005231. Name of the Compliance Officer: Mr. Pranav Tanna, Email address: complianceofficer.nwil@nuvama.com. Corporate Office Eight Floor 801 to 804, Inspire BKC G Block, BKC Main Road, Bandra Kurla Complex, Bandra East, Mumbai-400051

This Report has been prepared by Nuvama Wealth and Investment Limited (Formerly Edelweiss Broking Limited) [NWIL] in the capacity of a Research Analyst having SEBI Registration No. INH000011103 and distributed as per SEBI (Research Analysts) Regulations 2014. This report does not constitute an offer or solicitation for the purchase or sale of any financial instrument or as an official confirmation of any transaction. The information contained herein is from publicly available data or other sources believed to be reliable. This report is provided for assistance only and is not intended to be and must not alone be taken as the basis for an investment decision. The user assumes the entire risk of any use made of this information. Each recipient of this report should make such investigation as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult his own advisors to determine the merits and risks of such investment. The investment discussed or views expressed may not be suitable for all investors.

This information is strictly confidential and is being furnished to you solely for your information. This information should not be reproduced or redistributed or passed on directly or indirectly in any form to any other person or published, copied, in whole or in part, for any purpose. 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 NWIL and associates / group companies to any registration or licensing requirements within such jurisdiction. The distribution of this report in certain jurisdictions may be restricted by law, and persons in whose possession this report comes, should observe, any such restrictions. The information given in this report is as of the date of this report and there can be no assurance that future results or events will be consistent with this information. This information is subject to change without any prior notice. NWIL reserves the right to make modifications and alterations to this statement as may be required from time to time. NWIL or any of its associates / group companies shall not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. NWIL is committed to providing independent and transparent recommendation to its clients. Neither NWIL nor any of its associates, group companies, directors, employees, agents or representatives shall be liable for any damages whether direct, indirect, special or consequential including loss of revenue or lost profits that may arise from or in connection with the use of the information. Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein. Past performance is not necessarily a guide to future performance. The disclosures of interest statements incorporated in this report are provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. The information provided in these reports remains, unless otherwise stated, the copyright of NWIL. All layout, design, original artwork, concepts and other Intellectual Properties, remains the property and copyright of NWIL and may not be used in any form or for any purpose whatsoever by any party without the express written permission of the copyright holders.

NWIL shall not be liable for any delay or any other interruption which may occur in presenting the data due to any reason including network (Internet) reasons or snags in the system, break down of the system or any other equipment, server breakdown, maintenance shutdown, breakdown of communication services or inability of the NWIL to present the data. In no event shall NWIL be liable for any damages, including without limitation direct or indirect, special, incidental, or consequential damages, losses or expenses arising in connection with the data presented by the NWIL through this report. We offer our research services to clients as well as our prospects. Though this report is disseminated to all the customers simultaneously, not all customers may receive this report at the same time. We will not treat recipients as customers by virtue of their receiving this report.

NWIL and its associates, officer, directors, and employees, research analyst (including relatives) worldwide may: (a) from time to time, have long or short positions in, and buy or sell the securities thereof, of company(ies), mentioned herein or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the subject company/company(ies) discussed herein or act as advisor or lender/borrower to such company(ies) or have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of research report or at the time of public appearance. NWIL may have proprietary long/short position in the above mentioned scrip(s) and therefore should be considered as interested. The views provided herein are general in nature and do not consider risk appetite or investment objective of any particular investor; readers are requested to take independent professional advice before investing. This should not be construed as invitation or solicitation to do business with NWIL.

NWIL or its associates may have received compensation from the subject company in the past 12 months. NWIL or its associates may have managed or co-managed public offering of securities for the subject company in the past 12 months. NWIL or its associates may have received compensation for investment banking or merchant banking or brokerage services from the subject company in the past 12 months. NWIL or its associates may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months. NWIL or its associates have not received any compensation or other benefits from the Subject Company or third party in connection with the research report. Research analyst or his/her relative or NWIL's associates may have financial interest in the subject company. NWIL, its associates, research analyst and his/her relative may have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of research report or at the time of public appearance.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: (i) exchange rates can be volatile and are subject to large fluctuations; (ii) the value of currencies may be affected by numerous market factors, including world and national economic, political and regulatory events, events in equity and debt markets and changes in interest rates; and (iii) currencies may be subject to devaluation or government imposed exchange controls which could affect the value of the currency. Investors in securities such as ADRs and Currency Derivatives, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Research analyst has served as an officer, director or employee of subject Company: No

NWIL has financial interest in the subject companies: No

NWIL's Associates may have actual / beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report.

Research analyst or his/her relative has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

NWIL has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

Subject company may have been client during twelve months preceding the date of distribution of the research report.

There were no instances of non-compliance by NWIL on any matter related to the capital markets, resulting in significant and material disciplinary action during the last three years. A graph of daily closing prices of the securities is also available at www.nseindia.com

Analyst Certification

The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

DISCLAIMERS FOR INTERNATIONAL JURISDICTION

Disclaimer for U.S. Persons

The content of the website does not constitute an offer or invitation to purchase or subscribe for any securities or solicitation of any investments or investment services and/or shall not be considered as an advertisement tool. "U.S. Persons" are generally defined as a natural person, residing in the United States or any entity organized or incorporated under the laws of the United States. US Citizens living abroad may also be deemed "US Persons" under certain rules. THIS DOCUMENT IS INTENDED SOLELY TO PROVIDE INFORMATION TO THE QUALIFIED INSTITUTIONAL INVESTORS ONLY AND IS NOT MEANT FOR RETAIL INVESTORS. If you are not the intended recipient you must not copy, distribute, or take any action or place reliance on it. If you have received this communication by error, please notify the sender immediately. This communication is intended solely for the person to whom it is addressed and may contain confidential or privileged information. The document is intended to be educational only and not for a marketing or prospecting purpose. The views and opinions expressed as part of this presentation do not necessarily state or reflect those of Nuvama, its holding company(ies), subsidiaries and associates including entities in overseas jurisdictions.

The content of the website or any information contained therein must not be distributed, published, reproduced, or disclosed (in whole or in part) by recipients to any other person. The content of the website must not be acted on or relied on by persons who are not qualified institutional investor. Any investment or investment activity to which this website relates, is available only to qualified institutional investor and will be engaged only with qualified institutional investor. Any person who is not a qualified institutional investor should not act or rely on this website or any of its contents

Disclaimer for U.K. Persons:

The content of the website has not been approved by an authorized person within the meaning of the Financial Services and Markets Act 2000 ("FSMA"). In the United Kingdom, this document is intended for (a) persons who have professional experience in matters relating to investments falling within Article 19(5) of the FSMA (Financial Promotion) Order 2005 (the "Order"); (b) persons falling within Article 49(2)(a) to (d) of the Order (including high net worth companies and unincorporated associations); and (c) any other persons to whom it may otherwise lawfully be communicated (all such persons together being referred to as "relevant persons"). THIS document IS INTENDED SOLELY TO PROVIDE INFORMATION TO THE QUALIFIED INSTITUTIONAL INVESTORS ONLY AND IS NOT MEANT FOR RETAIL INVESTORS. If you are not the intended recipient you must not copy, distribute, or take any action or place reliance on it. If you have received this communication by error, please notify the sender immediately. This communication is intended solely for the person to whom it is addressed and may contain confidential or privileged information. The content of the document is intended to be educational only and not for a marketing or prospecting purpose. The views and opinions expressed as part of this document do not necessarily state or reflect those of Nuvama, its holding company (ies), subsidiaries and associates including entities in overseas jurisdictions.

Disclaimer for Canadian Persons

The content of the website is NOT MEANT FOR RETAIL INVESTORS. IT IS INTENDED SOLELY TO PROVIDE INFORMATION TO THE PERMITTED CLIENTS ONLY (as defined in National Instrument 31-103 ("NI 31-103")) who are resident in the Province of Ontario, Canada (an "Ontario Permitted Client"). Any products or services described in this document are made available only in accordance with applicable Canadian securities law and only where they may be lawfully offered for sale. If the person accessing this document is not an Ontario Permitted Client, as specified above, then the recipient should not access the same. Nuvama and its group companies is relying on an exemption from the adviser and/or dealer registration requirements under NI 31-103 available to certain international advisers and/or dealers. Please be advised that (i) Nuvama and its group companies is not registered in the Province of Ontario to trade in securities nor is it registered in the Province of Ontario to provide advice with respect to securities; (ii) Nuvama's head office or principal place of business is located in India; (iii) all or substantially all of Nuvama's assets may be situated outside of Canada; (iv) there may be difficulty enforcing legal rights against Nuvama because of the above; and (v) the name and address of Nuvama Group's agent for service of process in the Province of Ontario is: Bamac Services Inc., 181 Bay Street, Suite 2100, Toronto, Ontario M5J 2T3 Canada. The content of the website must not be distributed, published, reproduced or disclosed (in whole or in part) by recipients to any other person. This communication must not be acted on or relied on by persons who are not PERMITTED CLIENTS. Any investment or investment activity to which this communication relates is available only to relevant persons and will be engaged in only with relevant persons. Any person who is not a PERMITTED CLIENTS should not act or rely on this communication or any of its contents.

Disclaimer for UAE Persons

The content of the website is INTENDED SOLELY TO PROVIDE INFORMATION TO THE INSTITUTIONAL QUALIFIED INVESTORS ONLY AND IS NOT MEANT FOR RETAIL INVESTORS. Further, the information in this document does not constitute a public offer of securities in the United Arab Emirates and is not intended to be a public offer. The website has not been approved by or filed with the Central Bank of the United Arab Emirates, the Securities and Commodities Authority of the United Arab Emirates or the Dubai Financial Services Authority. The content of the website must not be distributed, published, reproduced or disclosed (in whole or in part) by recipients to any other person. The website must not be acted on or relied on by persons who are not INSTITUTIONAL QUALIFIED INVESTORS. Any investment or investment activity to which this communication relates is available only to relevant persons and will be engaged in only with relevant persons. Any person who is not a INSTITUTIONAL QUALIFIED INVESTORS should not act or rely on this communication or any of its contents. The content of the website must not be distributed, published, reproduced or disclosed (in whole or in part) by recipients to any other person. The website must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this communication relates is available only to relevant persons and will be engaged in only with relevant persons. Any person who is not a relevant person should not act or rely on this communication or any of its contents.

Disclaimer for Australia Persons

Any information set out on the website is only intended for persons who are "Professional Investors" as described in Section 761(G) of the Corporations Act 2001 (as amended). It is not intended to for any other class of persons and may not be relied upon by such persons and is therefore not intended for private individuals or those who would be classified as Retail Clients. All information on the website is general information only and is not to be considered any form of advice (whether investment or otherwise) or a recommendation, solicitation, or an offer to purchase or sell investments or related financial products or any financial services. The receiver of the website should make their own decisions based upon their own financial objectives and financial resources and, if in any doubt, should seek advice from an appropriate independent advisor. Nuvama and its group companies does not hold an Australian Financial Services License and is not licensed in Australia to provide financial product advice or services and is relying on "limited connection relief exemption" when dealing with "Professional Investors" (Wholesale client category) in Australia.

Disclaimer for Singapore Persons

The content of the website IS INTENDED SOLELY TO PROVIDE INFORMATION ONLY TO THE INSTITUTIONAL OR ACCREDITED INVESTORS ONLY AND IS NOT MEANT FOR RETAIL INVESTORS AS DEFINED UNDER THE SECURITIES AND FUTURES ACT "SFA". If you are not the intended recipient you must not copy, distribute, or take any action or place reliance on it. If you have received this communication by error, please notify the sender immediately. Any such information contained or discussed in the document is subject to change and Nuvama and its group companies shall not have any responsibility to maintain the information made available or to supply any correction therewith. In no event will Nuvama and its group companies be liable for any special direct or indirect or consequential damages which may be incurred from the use of the information made available, even if it has been advised of the possibility of such damages. The company and its employees mentioned in these communications cannot be held liable for any error's inaccuracies and/or omission howsoever caused. Any opinion or advice if any herein is made on a general basis and is subject to change without notice. The information provided in this document may contain optimistic statements regarding future events or future financial performance of countries, markets, or companies. You must make your own financial assessment of the relevance, accuracy and adequacy of the information provided if any in this document. This document has not been reviewed by the Monetary Authority of Singapore "MAS".

Additional Marketing Disclaimer for all other International Jurisdiction:

The content of this website is restricted in certain jurisdictions and does not constitute or form part of any offer or invitation to sell or issue, or any solicitation of any offer to purchase or subscribe for, by anyone in any jurisdiction in which such an offer or solicitation is not authorised or may not lawfully be made (without compliance with any registration or other legal requirements) or in which the person making such offer or solicitation is not qualified to do so or to any person to whom it is unlawful to make such offer in any jurisdiction. The above information is for general guidance only, it is the responsibility of receivers to inform themselves as to any income or other tax consequences arising in the jurisdictions in which they are resident or domiciled or have any other presence for tax purposes, as well as any foreign exchange or other fiscal, or legal or regulatory restrictions which are relevant to their particular circumstances in connection with the acquisition, holding or disposal of any securities if any mentioned in this document. This document is strictly private and confidential and may not be reproduced or use for any other purpose and not be provided to any person other than the recipient thereof. If you are not the intended recipient you must not copy, distribute, or take any action or place reliance on it. If you have received this communication by error, please notify the sender immediately. Any such information contained or discussed on the website is subject to change and Nuvama Group or any of its Directors, Employees, agents or representatives shall not have any responsibility to maintain the information made available or to supply any correction therewith. In no event will Nuvama Group or any of its Directors, Employees, agents or representatives, be liable for any special direct or indirect or consequential damages which may be incurred from the use of the information made available, even if it has been advised of the possibility of such damages. The company and its employees mentioned in these communications cannot be held liable for any error's inaccuracies and/or omission howsoever caused. Any opinion or advice herein is made on a general basis and is subject to change without notice. The information provided in this website may contain optimistic statements regarding future events or future financial performance of countries, markets, or companies. You must make your own financial assessment of the relevance, accuracy and adequacy of the information provided therein.