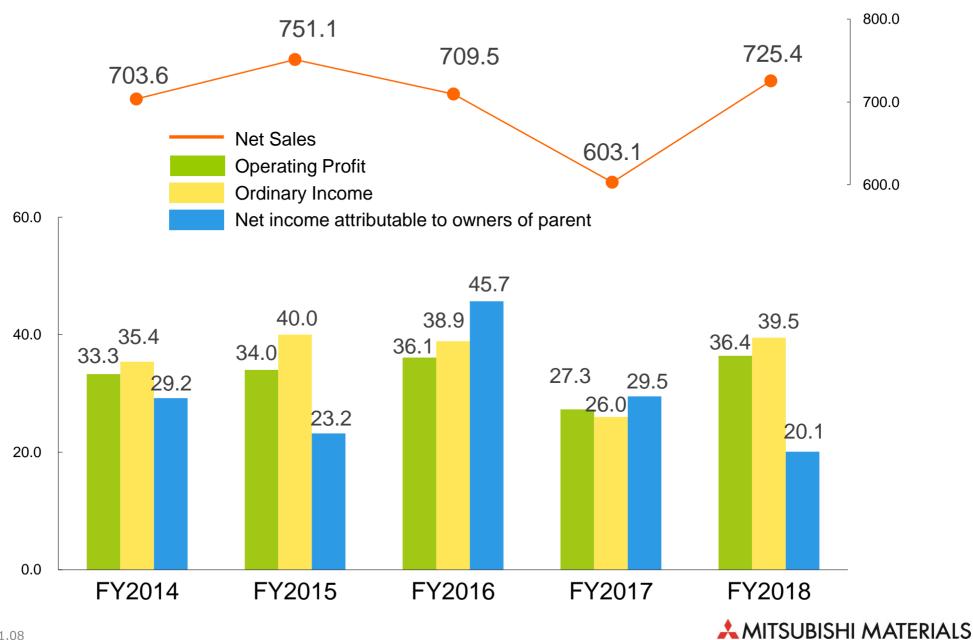
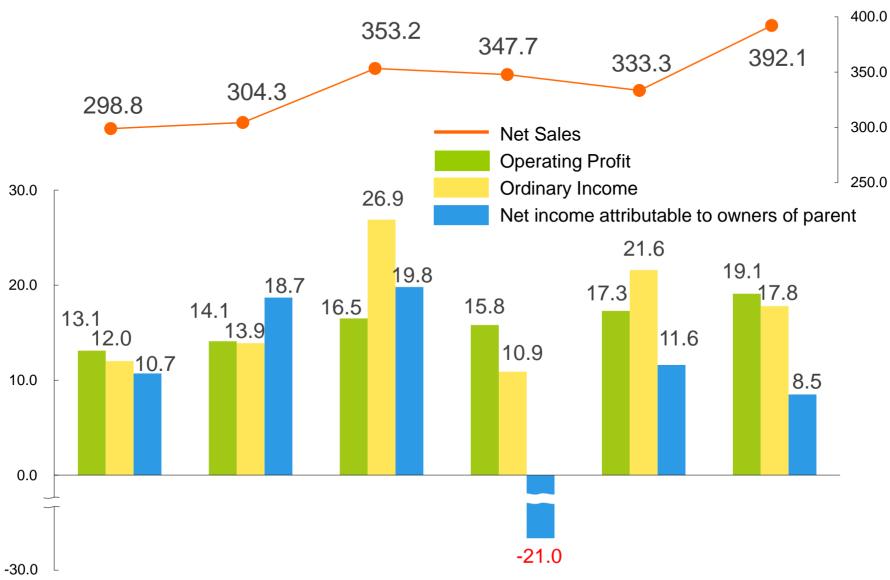
# MITSUBISHI MATERIALS CORPORATION

Supplementary Explanation for the 1st Half of the fiscal year ending March 31, 2018

November 8, 2017







FY2017 1Q FY2017 2Q FY2017 3Q FY2017 4Q FY2018 1Q FY2018 2Q

#### **Consolidated Statements of Operations (for the 1st Half)**

	FY2017 1st Half Result (a)	FY2018 1st Half Result (b)	Difference (b)-(a)	Reason
Net sales	603.1	725.4	122.3	Cement +11.8, Metals +95.6, AM&T +7.1, EM&C +4.1, etc.
Operating profit	27.3	36.4	9.1	Cement +2.5, Metals +2.8, AM&T +2.1, EM&C +0.9, etc.
Net interest and dividends income	0.5	4.5	3.9	Dividend income +3.7, etc.
Equity in earnings of affiliates	1.2	1.6	0.4	
Other / Non-operating profit / loss	-3.0	-3.2	-0.1	
Ordinary income	26.0	39.5	13.5	
Extraordinary income / loss	16.2	-0.7	-16.9	Gain on sales of non-current assets -15.9, etc.
Income taxes	-10.1	-13.8	-3.6	
Net income attributable to non-controlling interests	-2.4	-4.8	-2.3	
Net income attributable to owners of parent	29.5	20.1	-9.4	
Exchange rate (USD)	105	111	6	JPY / \$
Exchange rate (EUR)	118	126	8	JPY / €
Copper price (LME)	216	272	56	¢ / 1b

#### **Statistics / Assumptions**

■ Statistics / Assumptions	F	Y2017	FY2018	
	1	st Half	1st Half	Difference
	Re	esult (a)	Result (b)	(b)-(a)
Total demand for cement in Japan (mill	illion tons)	20.21	20.84	0.63
Cement sales volumes for MMC-Domestic (mill	illion tons)	3.16	3.39	0.23
Cement sales volumes for MMC-Exports (mill	illion tons)	1.05	1.16	0.11
Cement sales volumes in the U.S. * (mill	illion tons)	0.77	0.80	0.03
Ready-mixed concrete sales volumes in the U.S. * (mill	illion cy)	3.33	4.36	1.03
Sales volumes of copper cathodes (in-house product) (tho	ousand tons)	143	152	9
Sales volumes of copper cathodes (PTS) (tho	ousand tons)	113	135	22
Sales volumes of copper & copper alloy products (tho	ousand tons)	69	71	2
Dividend from copper mine (¥ b	billion)	1.5	4.3	2.7
Sales volumes of aluminum sheet products (tho	ousand tons)	58	56	-2
Sales volumes of aluminum extrusion products (tho	ousand tons)	9	9	0

<sup>\*</sup> From FY2018, the accounting period of the cement and ready-mixed concrete business in the U.S. have been changed from "Ending December 31" to "Ending March 31".



Accordingly, "FY2017 1st Half" in the above results shows the sales volumes from January to June, 2016, and "FY2018 1st Half" shows the sales volumes from April to September, 2017.

<sup>(</sup>Reference) Cement sales volumes in the U.S.: 0.81 million tons (April to September, 2016)

## Factor Analysis of Net Sales, Operating Profit and Ordinary Income by Segment

		FY2017 1st Half Result (a)	FY2018 1st Half Result (b)	Differences (b)-(a)	Exchange rate differences	Price differences	Quantity variation	Electricity price effect	Dividends income	Equity in earnings of affiliates	Others	Other principal reasons (Operating profit)
	Netsales	83.8	95.6	11.8	0.0	0.6	10.7	_	_	_	0.5	
Cement	Operating profit	8.1	10.6	2.5	0.0	4.0	4.0	0.0	_	_	-0.1	
C	Ordinary income	7.5	11.0	3.4	0.0	-1.2	4.0	-0.2	-0.0	0.4	0.4	
	Netsales	278.8	374.5	95.6	10.4	50.7	20.4	_	_	_	14.1	- Periodic furnace repairs (Non-consolidated)
Metals	Operating profit	7.9	10.8	2.8	1.1	0.7	4.4	0.2	_	_	-3.1	- Deterioration in conditions for TC/RC, etc.
	Ordinary income	9.3	14.2	4.8	1.1	0.7	4.4	-0.3	2.7	0.4	-4.2	- Acquisition of Luvata SP division
Advanced	Netsales	71.1	78.3	7.1	1.8	0.1	5.2	_	_	_	0.0	
Materials &	Operating profit	6.5	8.6	2.1	0.1	0.7	2.2	0.4	_	_	-0.8	
Tools	Ordinary income	4.9	8.1	3.2	0.1	0.7	7 2.2	-0.1	-0.0	-0.0	0.3	
Electronic	Netsales	29.8	34.0	4.1	0.6	-1.2	4.7	_	_	_	0.0	
Materials &	Operating profit	0.9	1.8	0.9	0.0	-0.6	2.2	0.4	_	_	-0.8	
Components	Ordinary income	0.9	2.3	1.4			2.3	-0.1	0.3	-0.2	-0.3	
	Netsales	80.6	77.5	-3.0	0.4	-0.1	-3.3	_	_	_	0.0	
Aluminum	Operating profit	5.0	3.9	-1.1	0.0	0.4	4.4	0.0	_	_	0.7	
	Ordinary income	5.1	3.7	-1.4	0.0	-0.1	-1.4	-0.3	0.0	-0.0	0.4	
	Netsales	95.6	106.4	10.7	0.2	5.3	4.7	_	_	_	0.4	
Other	Operating profit	2.7	3.9	1.1	0.0	0.7	0.5	0.0	_	_	-0.2	
	Ordinary income	2.5	4.4	1.8	0.0	0.7	0.5	-0.0	0.3	0.0	0.2	
	Netsales	-36.8	-41.0	-4.1	0.0	0.0	-4.1	_	_	_	0.0	
Elimination, etc.	Operating profit	-4.0	-3.4	0.6	0.0	0.0	0.0	0.0	_	_	0.5	
0.0.	Ordinary income	-4.4	-4.3	0.1	0.0	0.0	0.0	0.0	0.2	-0.0	0.0	
	Netsales	603.1	725.4	122.3	13.4	55.4	38.3	_		_	15.0	
Total	Operating profit	27.3	36.4	9.1	4.0	0.0	40.4	4.0	_	_	-3.7	
	Ordinaryincome	26.0	39.5	13.5	1.3	0.2	12.1	-1.0	3.7	0.4	-3.2	

#### **Consolidated Balance Sheet**

	End of Mar.	End of Sep.	Difference
	2017 (a)	2017 (b)	(b)-(a)
	Assets		
Cash and deposits	141.2	89.5	-51.7
Notes and accounts receivable-trade	213.3	250.2	36.8
Inventories	288.2	376.3	88.0
Other	224.5	228.0	3.4
Current assets, subtotal	867.4	944.1	76.6
Property, plant and equipment and intangible assets	724.8	747.0	22.2
Investments and other assets	304.6	315.9	11.2
Non-current assets, subtotal	1,029.4	1,062.9	33.4
Total Assets	1,896.9	2,007.0	110.1

	End of Mar. 2017 (a)		End of Sep. 2017 (b)		Difference (b)-(a)
	Liabilities				
Notes and accounts payable-trade	114.5		163.9		49.4
Loans payable, bonds payable, and CP	528.2	28%	561.4	28%	33.2
Other liabilities	544.0		554.4		10.4
Liabilities, subtotal	1,186.7		1,279.8		93.1
	Net assets				
Capital stock	119.4		119.4		_
Capital surplus and treasury stock	90.4		90.3		-0.0
Retained earnings	333.5		349.2		15.6
Total other comprehensive income	77.8		79.4		1.5
Non-Controlling interests	88.9		88.7		-0.1
Net Assets, subtotal	710.1	37%	727.2	36%	17.0
Total liabilities and net assets	1,896.9		2,007.0		110.1
Shareholders' equity ratio	33 %		32	%	
Net debt to equity ratio	0.6 times		0.7	times	

#### FY2018 Forecast: Statistics / Assumptions / Sensitivity

■ Statistics / Assumptions		Forecast (a) *			Forec	Forecast (b) at this time			Difference (b)-(a)		
					1st Half	2nd Half					
		1st Half	2nd Half	Full Year	Result	Forecast	Full Year	1st Half	2nd Half	Full Year	
Total demand for cement in Japan	(million tons)	20.34	21.66	42.00	20.84	21.66	42.50	0.50	0.00	0.50	
Cement sales volumes for MMC-Domestic	(million tons)	3.42	3.61	7.03	3.39	3.64	7.03	-0.03	0.03	0.00	
Cement sales volumes for MMC-Exports	(million tons)	1.20	1.31	2.51	1.16	1.36	2.52	-0.04	0.05	0.01	
Total demand for cement in the U.S.	(million tons)	_	_	95.19	_	_	94.34	_	_	-0.85	
Cement sales volumes in the U.S.	(million tons)	0.87	0.75	1.62	0.80	0.76	1.56	-0.07	0.01	-0.06	
Ready-mixed concrete sales volumes in the U.S.	(million cy)	4.47	3.59	8.06	4.36	3.67	8.03	-0.11	0.08	-0.03	
Sales volumes of copper cathodes (in-house product)	(thousand tons)	155	162	317	152	167	319	-3	5	2	
Sales of volumes of copper cathodes (PTS)	(thousand tons)	135	131	266	135	132	267	0	1	1	
Sales volumes of copper & copper alloy products	(thousand tons)	70	71	141	71	71	142	1	0	1	
Dividend from copper mine	(¥ billion)	4.3	5.2	9.5	4.3	6.5	10.8	0.0	1.3	1.3	
Sales volumes of aluminum sheet products	(thousand tons)	57	55	112	56	54	110	-1	-1	-2	
Sales volumes of aluminum extrusion products	(thousand tons)	9	10	19	9	9	18	0	-1	-1	

<sup>\*</sup>Announced on August 8, 2017

■ Sensitivity	FY2018		■ Assumptions
	2nd Half		2nd Half
Exchange rates Operating profit - 1 yen/\$ (yen depreciation)	0.3	billion yen	110 JPY/\$
Operating profit - 1 yen/€ (yen depreciation)	0.05	billion yen	130 JPY/€
Copper price (LME) Operating profit ±10¢/lb	0.2	billion yen	200 4/11-
Non-operating profit ±10¢/lb	0.1	billion yen	290 ¢/lb

#### **FY2018 Performance Forecast**

	Forecast (a) *			Forec	ast (b) at	this time	Difference (b)-(a)			
	1st Half	2nd Half	Full Year	1st Half Result	2nd Half Forecast	Full Year	1st Half	2nd Half	Full Year	
Net sales	720.0	820.0	1,540.0	725.4		1,600.0	5.4	54.5	60.0	
Operating profit	33.0	37.0	70.0	36.4	38.5	75.0	3.4	1.5	5.0	
Net interest and dividends income	4.3	4.2	8.5	4.5	6.1	10.6	0.2	1.9	2.1	
Equity in earnings of affiliates	0.9	1.3	2.2	1.6	1.5	3.1	0.7	0.2	0.9	
Other / Non-operating profit / loss	-2.1	-3.6	-5.7	-3.2	-5.6	-8.7	-1.1	-2.0	-3.0	
Ordinary income	36.0	39.0	75.0	39.5	40.5	80.0	3.5	1.5	5.0	
Extraordinary income / loss	-0.4	-12.7	-13.1	-0.7	-14.3	-15.0	-0.3	-1.6	-1.9	
Income taxes	-13.0	-10.1	-23.1	-13.8	-8.1	-22.0	-0.8	2.0	1.1	
Net income attributable to non-controlling interests	-4.6	-3.2	-7.8	-4.8	-3.2	-8.0	-0.2	0.0	-0.2	
Net income attributable to owners of parent	18.0	13.0	31.0	20.1	14.9	35.0	2.1	1.9	4.0	
Exchange rate (USD)	111	113	112	111	110	110	0	-3	-2	
Exchange rate (EUR)	121	120	121	126	130	128	5	10	7	
Copper price (LME)	258	260	259	272	290	281	14	30	22	
Dividend per share (yen)	30	50	80	30	50	80	_	_	_	

<sup>\*</sup>Announced on August 8, 2017

### FY2018 Forecast: Factor Analysis of Net Sales, Operating Profit and Ordinary Income by Segment) [Unit: ¥ billions]

		F	Forecast (a) * Forecast (b) at this tim			is time	Dif	Difference (b)-(a)		
		1st Half	2nd Half	Full Year	1st Half Result	2nd Half Forecast	Full Year	1st Half	2nd Half	Full Year
	Netsales	97.4	93.2	190.6	95.6	96.8	192.4	-1.8	3.6	1.8
Cement	Operating profit	11.0	10.5	21.5	10.6	10.9	21.6	-0.4	0.4	0.1
	Ordinary income	10.8	10.8	21.6	11.0	10.9	22.0	0.2	0.1	0.4
	Netsales	366.8	451.4	818.2	374.5	498.7	873.2	7.7	47.3	55.0
Metals	Operating profit	10.4	13.7	24.1	10.8	13.9	24.7	0.4	0.2	0.6
	Ordinary income	13.6	17.7	31.2	14.2	19.0	33.2	0.6	1.3	2.0
Advanced	Net sales	77.2	78.2	155.4	78.3	81.8	160.1	1.1	3.6	4.7
Materials &	Operating profit	7.1	6.8	13.9	8.6	8.1	16.8	1.5	1.3	2.9
Tools	Ordinary income	6.5	6.4	12.9	8.1	7.6	15.7	1.6	1.2	2.8
Electronic	Net sales	33.7	35.5	69.2	34.0	37.5	71.5	0.3	2.0	2.3
Materials &	Operating profit	1.9	1.5	3.4	1.8	1.5	3.3	-0.1	0.0	-0.1
Components	Ordinary income	2.5	1.9	4.4	2.3	2.0	4.3	-0.2	0.1	-0.1
	Net sales	78.9	76.5	155.4	77.5	77.1	154.6	-1.4	0.6	-0.8
Aluminum	Operating profit	3.9	3.0	6.9	3.9	2.7	6.6	0.0	-0.3	-0.3
	Ordinary income	3.5	2.5	6.0	3.7	2.0	5.7	0.2	-0.5	-0.3
	Net sales	105.9	126.9	232.8	106.4	129.8	236.2	0.5	2.9	3.4
Other	Operating profit	3.1	6.8	9.9	3.9	6.9	10.8	0.8	0.1	0.9
	Ordinary income	3.3	6.8	10.1	4.4	6.9	11.3	1.1	0.1	1.2
	Net sales	-39.9	-41.6	-81.5	-41.0	-47.3	-88.3	-1.1	-5.7	-6.8
Elimination, etc.	Operating profit	-4.4	-5.3	-9.7	-3.4	-5.4	-8.9	1.0	-0.1	0.8
	Ordinary income	-4.3	-7.2	-11.5	-4.3	-8.0	-12.4	0.0	-0.8	-0.9
	Netsales	720.0	820.0	1,540.0	725.4	874.5	1,600.0	5.4	54.5	60.0
Total	Operating profit	33.0	37.0	70.0	36.4	38.5	75.0	3.4	1.5	5.0
	Ordinary income	36.0	39.0	75.0	39.5	40.5	80.0	3.5	1.5	5.0

<sup>\*</sup>Announced on August 8, 2017

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