

## CHAPTER NO. 16

### WHITE WASHING, DISTEMPERING, PAINTING & POLISHING

**Notes :-**

- (i) Unless otherwise stated the labour rates include the rehandling of materials within 100 metres.
- (ii) The rates include the cost of water, where the water is supplied free by department, the rates shall be reduced suitably.
- (iii) The rates for white washing, distempering, painting and decorative cement based paints etc. given below are for superstructure upto 4 metres height whether the first storey or the subsequent storeys. In case any single storey exceeds 4 metres height (as in case of overhead-reservoir and outer face of walls etc.) the labour as well as through rates shall be increased by Rs. 0.50 per sqm for every additional height of 4 metres or part thereof.
- (iv) Rates for distempering with dry and oil bound distemper have been provided in this chapter. These rates have been based on superior quality distempers, manufactured by standard firms. The use of inferior distempers and *Country* frisco shall not be permitted as they never give proper quality of lasting surface.
- (v) Work against items of filling i.e. on 16.6 and 16.7 shall be got done only after approval of the *Engineer-in-charge*.
- (vi) The labour rates given in this chapter include the cost of water, tools and plant and scaffolding all types of sundries etc. labour and materials.
- (vii) The special quality paints will be first quality paints manufactured by reputed firms like Nerolac, Asian, Berger, J&N, ICI or equivalent, approved by the Engineer-in-Charge.
- (viii) The labour rates given in this chapter include the cost of tools and plant, i.e. painting brush etc. and scaffolding wherever required.
- (ix) The rates given in item No. 16.49, 16.50, 16.51, 16.52, 16.55, 16.56, 16.57 and 16.58 are inclusive of printing and lettering.

Sr. No.	Description of Item	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
16.1	White washing (First coat or subsequent one coat).	sqm	2.33	3.50	2.56	3.73
16.2	White washing (two coat)	sqm	3.50	5.41	3.85	5.76
16.3	White washing (Three coat)	sqm	4.67	7.27	5.14	7.74
16.4	Colour Washing ( First coat or subsequent coat).	sqm	4.67	7.39	5.14	7.86
16.5	Colour washing (two coats)	sqm	6.23	11.14	6.85	11.76

Sr. No.	Description of Item	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
16.6	Preparation of plastered surfaces for distempering including surface, applying filling with approved quality filler consisting of plaster of Paris and chalk mitti including finishing the surface to the required finish complete.	sqm	23.71	25.02	26.08	27.39
16.7	Preparation of concrete or plastered surfaces for painting or oil-bound distemper including sand papering the surface applying one coat of linseed oil and filling with approved quality filler, consisting of white lead, linseed-oil varnish and chalk mitti including finishing the surface to the required finish complete.	sqm	27.75	83.68	30.53	86.46
16.8	Distempering with dry distemper of approved manufacture two coats over one priming coat to give an even shade.	sqm	18.34	26.18	20.17	28.01
16.9	Distempering with dry distemper of approved manufacture one coat on old distempere work.	sqm	9.17	11.32	10.09	12.24
16.10	Distempering with dry distemper of approved manufacture two coats on old distempere surface.	sqm	15.23	19.53	16.75	21.05
16.11	Distempering with Acrylic washable oil bound distemper (of approved manufacture) two coats over one priming coat to give an even shade.	sqm	21.45	35.60	23.60	37.75
16.12	Distempering with Acrylic washable oil bound distemper (of approved manufacture) one coat over one priming coat on old distempere surface.	sqm	10.15	16.22	11.17	17.24
16.13	Distempering with Acrylic washable oil bound distemper (of approved manufacture) two coats on old distempere work.	sqm	15.39	24.49	16.93	26.03
16.14	Finishing walls with exterior decorative cement based paint such as snowcem, robbiacem etc. two coats to give an even shade.	sqm	15.23	43.54	16.75	45.06
16.15	Finishing walls with exterior decorative cement based such as snowcem, robbiacem etc. on old work one coat to give an even shade.	sqm	10.15	19.00	11.17	20.02

Sr. No.	Description of Item	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
16.16	Preparation of plywood surface for painting including sand papering the surface and applying filling with approved quality fillers consisting of white lead, linseed oil, Varnish, and Chalk Mitti including finishing the surface to required finish complete.	sqm	12.71	27.09	13.98	28.36
16.17	Applying pink primer or aluminum priming coat on wood work including preparation of surface knotting and stopping etc.					
	(a) With special quality paint	sqm	8.81	16.40	9.69	17.28
	(b) With ordinary quality Paint	sqm	8.81	15.59	9.69	16.47
16.18	Painting two coats excluding priming coat with synthetic enamel paint in all shades on wood work, metallic or plastered, concrete surface to give an even shade.					
	(a) With special quality paint	sqm	15.42	46.48	16.96	48.02
	(b) With ordinary quality Paint	sqm	15.42	39.58	16.96	41.12
16.19	Painting two coats with synthetic enamel paints in all shades on old wood work or metallic or plastered or concrete surface to give an even shade including rubbing down old paint.					
	(a) With special quality paint	sqm	17.13	42.36	18.84	44.07
	(b) With ordinary quality Paint	sqm	17.13	36.76	18.84	38.47
16.20	Painting one coat with synthetic enamel paint in all shades on old wood work or metallic or plastered or concrete surfaces to give an even shade including rubbing down old paint.					
	(a) With special quality paint	sqm	9.79	23.71	10.77	24.69
	(b) With ordinary quality paint	sqm	9.79	20.62	10.77	21.60
16.21	Applying priming coat with metal primer on new steel or iron work including preparation of surface.					
	(a) With special quality paint	sqm	7.61	13.79	8.37	14.55
	(b) With ordinary quality Paint	sqm	7.61	13.01	8.37	13.77

Sr. No.	Description of Item	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
16.22	Painting two coats excluding priming coat with ready mixed paint for metallic surfaces in all shades on steel or iron work					
	(a) With special quality paint	sqm	15.85	41.40	17.44	42.99
	(b) With ordinary quality paint	sqm	15.85	36.18	17.44	37.77
16.23	Painting one coat with ready mixed paint of metallic surfaces in all shades on old steel or iron works.					
	(a) With special quality paint	sqm	9.75	21.06	10.73	22.04
	(b) With ordinary quality paint	sqm	9.75	18.75	10.73	19.73
16.24	Painting two coats on iron sheets roofing with ready mixed Paint in all shades to give an even shade					
	(a) With special quality paint	sqm	19.32	50.73	21.25	52.66
	(b) With ordinary quality paint	sqm	19.32	44.32	21.25	46.25
16.25	Painting one coat on iron sheets roofing with ready mixed paint in all shades on old work to give an even shade.					
	(a) With special quality paint	sqm	11.15	30.98	12.27	32.10
	(b) With ordinary quality paint	sqm	11.15	26.93	12.27	28.05
16.26	Painting two coats with aluminum paint to give an even shade excluding priming coat					
	(a) With special quality paint	sqm	18.79	38.18	20.67	40.06
	(b) With ordinary quality paint	sqm	18.79	34.13	20.67	36.01
16.27	Painting one coat with aluminum paint on old work to give an even shade					
	(a) With special quality paint	sqm	11.46	20.74	12.61	21.89
	(b) With ordinary quality paint	sqm	11.46	18.80	12.61	19.95
16.28	Painting two coats with anticorrosive bitumastic Paint to give an even shade with special quality paint.	sqm	17.26	39.23	18.99	40.96

Sr. No.	Description of Item	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
16.29	Painting one coat with anti corrosive bitumastic paint on old work to give an even shade with special quality paint.	sqm	10.97	21.95	12.07	23.05
16.30	Painting two coats anticorrosive ordourless black bitumastic paint inside steel water tanks with special quality paint.	sqm	18.45	30.88	20.30	32.73
16.31	Painting one coat with anticorrosive ordourless black bitumastic paint inside old steel water tank with special quality paint.	sqm	11.50	17.71	12.65	18.86
16.32	Applying priming coat with cement primer in all shade on newly plastered or concrete exterior surface	sqm	5.94	16.65	6.53	17.24
16.33	Floor painting two coats with epoxy paint in all shades on work to give an even shade.	sqm	16.68	99.19	18.35	100.86
16.34	Floor painting one coat with epoxy paint in all shades on old work to give an even shade	sqm	8.70	58.20	9.57	59.07
16.35	Burning old paint with blow Lamp	sqm	16.44	20.28	18.08	21.92
16.36	Removing old paint with caustic soda solution and preparing surface	sqm	13.26	16.05	14.59	17.38
16.37	Scraping brushing to remove paint to base metal surface	sqm	44.41	44.41	48.85	48.85
16.38	Painting one coat with solignum	sqm	5.29	11.79	5.82	12.32
16.39	Painting two coats with solignum	sqm	8.07	19.57	8.88	20.38
16.40	Varnishing with copal varnish one coat of sizing and two coats of varnishing on wood work including stopping.					
	(a) With superior quality paint	sqm	20.02	60.64	22.02	62.64
	(b) With ordinary quality paint	sqm	20.02	46.01	22.02	48.01
16.41	Varnishing with copal varnish one coat including rubbing of previous coat					
	(a) With special quality	sqm	9.49	27.86	10.44	28.81
	(b) With ordinary quality paint	sqm	9.49	20.38	10.44	21.33

Sr. No.	Description of Item	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
16.42	Oiling wood work with raw linseed oil With ordinary quality oil.	sqm	2.97	7.62	3.27	7.92
16.43	Oiling wood work with raw linseed oil and water With Ordinary Quality oil	sqm	3.72	6.05	4.09	6.42
16.44	Painting one coat with creosote	sqm	5.29	10.59	5.82	11.12
16.45	Painting two coats with creosote	sqm	8.07	17.05	8.88	17.86
16.46	Spirit polishing two coats including a coat of wood filler on wood work	sqm	55.98	77.04	61.58	82.64
16.47	Spirit polishing one coat in old wood work	sqm	28.23	40.39	31.05	43.21
16.48	Painting new letters and figures of black synthetic enamel paint to an even shade With ordinary quality paint	cm ht. per letter	1.14	1.21	1.25	1.32
16.49	Repainting letters and figures of black synthetic enamel paint to give an even shade With ordinary quality paint	cm ht. per letter	0.73	0.78	0.80	0.85
16.50	Painting gauges 60 cm wide reading to centimeter with synthetic enamel Paint (two coats ) to give an even shade With ordinary quality paint	m	152.72	188.39	167.99	203.66
16.51	Painting sounding rods and other gauges' reading to centimeter with synthetic enamel paint With ordinary quality paint					
	(a) One coat work	m	25.17	30.25	27.69	32.77
	(b) Two coat work	m	39.40	49.69	43.34	53.63
16.52	Painting leveling staff with synthetic enamel paint					
	(a) one coat work	m	124.78	131.85	137.26	144.33
	(b) Two coat work	m	187.70	199.08	206.47	217.85
16.53	Painting canal gates with Khanki mixture applied hot					
	(a) One coat work	sqm	4.92	12.06	5.41	12.55
	(b) Two coat work	sqm	7.13	20.26	7.84	20.97
16.54	Extra over and above rates in item No. 15.53 where scaffolding is used	sqm	1.69	1.69	1.86	1.86

Sr. No.	Description of Item	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
16.55	Painting distance marks with synthetic enamel paint					
	(a) One coat work					
	(i) Main canals	each	16.58	20.89	18.24	22.55
	(ii) Distributaries	each	11.91	14.83	13.10	16.02
	(b) Two coat work					
	(i) Main canals	each	23.20	30.35	25.52	32.67
	(ii) Distributaries	each	16.69	21.45	18.36	23.12
16.56	Painting 200 metre stones with synthetic enamel paint					
	(a) One coat work	each	30.91	34.81	34.00	37.90
	(b) Two coat work	each	48.60	54.84	53.46	59.70
16.57	Painting kilometer stones with synthetic enamel paint					
	(a) One coat work					
	(i) 5th kilometer Stones	each	346.99	383.88	381.69	418.58
	II ORDINARY KILOMETRE STONE	each	186.95	205.89	205.65	224.59
	(iii) Kilometer stone on village road	each	142.02	156.71	156.22	170.91
	(b) Two coat work					
	(i) 5th kilometer Stones	each	544.25	601.67	598.68	656.10
	(ii) ORDINARY KILOMETRE STONE	each	293.07	322.29	322.38	351.60
	(iii) KILOMETRE STONE ON VILLAGE ROADS	each	222.68	245.42	244.95	267.69
16.58	Painting village boards with synthetic enamel paint					
	(i) One coat	each	103.23	120.46	113.55	130.78
	(ii) Two coat	each	163.05	191.64	179.36	207.95

Sr. No.	Description of Item	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
16.59	Finishing walls with textured exterior paint of required shade with two coats applied @ 3.28 litre/10sqm over and including base coat of water proofing Cement Paint applied @ 2.20 Kg/10 sqm	sqm	23.22	102.07	25.54	104.39
16.60	Finishing walls with acrylic smooth exterior paint of required shade with two coats applied @ 1.67 litre/10sqm over and including base coat of water proofing Cement Paint applied @ 2.20 Kg/10 sqm	sqm	23.22	58.84	25.54	61.16
16.61	Finishing walls with Premium Acrylic smooth exterior paint with silicon additives of required shade with two coats applied @ 1.43litre/10 sqm over and including base coat of water proofing Cement Paint applied @ 2.20 Kg/10 sqm	sqm	23.22	65.16	25.54	67.48
16.62	Painting with oil type wood preservative of approved brand and manufacturer-new work two coats	sqm	6.83	22.32	7.51	23.00
16.63	Providing and applying two coats of fire retardant paint unthined on cleaned wood/ ply surface @ 3.5 litre per 10 sqm per coat including preparation of base surface as per recommendations of manufacturer to make the surface fire retardant	sqm	24.58	271.89	27.04	274.35
16.64	Wall painting with plastic emulsion paint of approved brand and manufacturer to give an even shade (two coats)	sqm	24.58	63.47	27.04	65.93
16.65	Painting with acid proof paint of approved brand and manufacture to give an even shade- two coats	sqm	24.58	89.02	27.04	91.48
16.66	Preparation of plastered or concrete surface for painting (including sand papering the surface) using ready mixed cement based wall putty by applying two coats to get required finish	sqm	24.58	39.58	27.04	42.04
16.67	Melamine polish two coats to give required finish including one coat of wood filler	sqm	299.59	728.10	329.55	758.06
16.68	Finishing with epoxy paint two coat at all locations prepared and applied as per manufacturer specifications complete.	sqm	26.49	95.93	29.14	98.58



Sr. No.	Description of Item	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
16.69	Providing surface treatment to external / internal wall with water resistant grade, anti fungal, anti rusting, antifoaming, high percentage acrylic binder washable surface with two coats to be provided with spatula over one coat cement primer including preparation of surface with water resistant grade match colour complete as per specifications and to the entire satisfaction of Engineer- in- charge.	sqm	53.22	172.26	58.54	177.58