

TECHNICAL DATA FOR M.C DUPLEX BOARD(WHTIE HORSE BRAND)

Coated Duplex Board with Grey Back -- (SC)

DATE : JAN 1. 2008

		WEIGHT 220~350 g/m ²																NOTE			
BASIS WEIGHT	g/m ²	180	200	220	230	240	250	260	270	280	290	300	310	320	330	340	350				
	lb/1000ft ²	36.8	40.9	45.0	47.0	49.1	51.1	53.1	55.2	57.2	59.3	61.3	63.4	65.4	67.4	69.5	71.5				
WEIGHT RANGE	%	+ 4, -2																			
THICKNESS (CALIPER)	mm	RANGE	0.210	0.235	0.260	0.270	0.285	0.305	0.315	0.335	0.340	0.365	0.375	0.400	0.415	0.425	0.440	0.445			
		RANGE	+ 0.02, -0.02																		
	inch×1000	RANGE	8.3	9.3	10.2	10.6	11.2	12.0	12.4	13.2	13.4	14.4	14.8	15.7	16.3	16.7	17.3	17.5			
RANGE		+ 0.79 -0.79																			
DENSITY	g/cm ³	0.86	0.85	0.85	0.85	0.84	0.82	0.83	0.81	0.82	0.79	0.80	0.78	0.77	0.78	0.77	0.79				
MOISTURE CONT	%																	±1.5			
GLOSS	%	UP																	75. GLOSS		
BRIGHTNESS	%	UP																	BY HUNTER		
SMOOTHNESS	Sec	UP																	BEKK TYPE		
SURFACE PH																			5~7	BCG CHECK	
SIZING DEGREE	g/m ²	DOWN																	60	1MINUTE/COBB	
	lb/1000ft ²	DOWN																	12.3		
SURFACE STRENGTH	A	UP																	7	DENNISON WAX	
STIFFNESS	gf.cm	MD	UP	20	30	45	50	60	70	80	90	100	115	130	140	150	160	170	180	TABER TESTER	
		CD	UP	10	12	13	15	20	25	30	31	35	45	55	59	63	67	71	75		
	mNm	MD	UP	2.0	3.1	4.6	5.1	6.1	7.1	8.2	9.2	10.2	11.7	13.3	14.3	15.3	16.3	17.3	18.4	TABER TESTER	
		CD	UP	1.0	1.2	1.3	1.5	2.0	2.6	3.1	3.2	3.6	4.6	5.6	6.0	6.4	6.8	7.2	7.7		
FOLDING ENDURANCE	TIMES (1kg)	MD	UP																	15	M.I.T TESTER
		CD	UP																	7	
BURSTING STRENGTH	kgf/cm ²	UP	2.6	2.7	3.0	3.2	3.6	3.8	4.0	4.1	4.2	4.3	4.5	4.6	4.7	4.8	4.9	5.0	MULLEN TYPE		
CRUSH STRENGTH	kgf	MD	UP	52	54	58	60	63	65	70	72	75	79	83	85	87	89	90	93	RING CRUSH	
		CD	UP	22	24	26	27	28	29	31	32	33	35	37	38	39	39	40	41		
DAE HAN PULP CO.,LTD(CHOUNG JU MILL)																					