



HEAVY TEXTURED COATING, WHITE FOR PASSAGE WAY CEILINGS

Adjustments in red

Formulation provided by Philip Green

RAW MATERIAL	ORIGINAL KG/850L	ADJUSTMENT	ACTION
WATER	235-5		PREMIX FOR 10 MINS
100000 CPS VISCOSITY GRADE HEC	7-0		
SHMP	2-0		
45% SOLIDS DISPERSANT	9-8		MIX, FOR 5 MINS DO NOT PREMIX BIOCIDE AND AMP 95
MULTIFUNCTIONAL AMINE	2-0		
DEFOAMER	3-0		
INCAN BIOCIDE	2-0		
TIOXIDE	150-0*	75-0 <i>You do not need very much in a heavy textured finish</i>	ADD UNDER HSD DISPERSE UNTIL FOG 65 MICRONS MAX
10 MICRON CaCO3	130-0	175-0	
ATTAPUGALITE CLAY	10-0	15-0 <i>Increase to help with texture/sag resistance</i>	
WATER	43-7	33-7	LETDOWN, ADD MIX COOL TO 40 DEG C MAX
WET EDGE SOLVENT	10-0	15-0 <i>Helps with application</i>	
COALESCENT	17-8	23-8 <i>The previous level was too low for polymer type</i>	
DEFOAMER	7-5		
50% Styrene Acrylic MFFT 18		370-8 <i>It's interior paint, so you don't need that much polymer, but use some for flexibility</i>	ADD, MIX SLOW FOR 15 MIN
45 MICRON CaCO3 OR SAND	360-0	480-0	ADD SLOWLY, MIX FOR 30 MINUTES
40 MESH MICA	80-0	35-0 <i>VERMICULITE POWDER helps with viscosity, texture and sound deadening</i>	
TOTAL	1490-1	1490-1	

QUALITY CONTROL TESTS		
	ORIGINAL	ADJUSTED
VISCOSITY	120-130 KU AT 23 DEG C	135-145 KU AT 23 DEG C
SG	1.47-1.51	1.50-1.55
VOL SOLIDS	44-46%	44-46 %