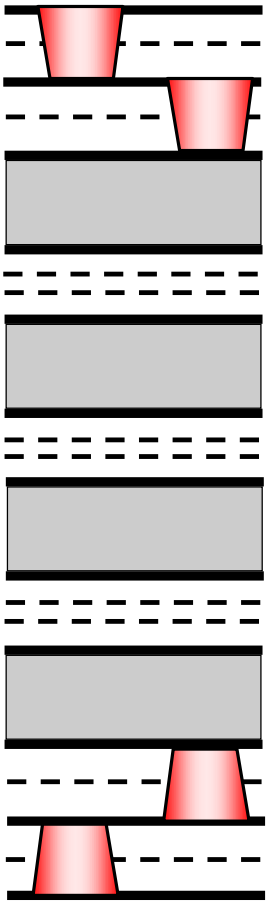
Build Up HDI (Standard)

HDI12_2+8+2_1,45_17.5_engl

12 - Layers

Core: 0,15 mm Cu 17.5/17.5 µm

WE-Articel No.:	**2 + 8 + 2**
Customer:	



layer description		Raw-Material	CU	PREPREG	Final Thickness	Customer requirements
Customer	WE				[µm]	[µm]
	TOP/VS	Foil	12 µm	1)	12	
				1 x 1080	60	
	2	Foil	12 µm		30	
				1 x 1080	66	
	3		17.5 µm		16	
		0,150 mm			150	
	4		17.5 µm		16	
				2 x 1080	134	
	5		17.5 µm		16	
		0,150 mm			150	
	6		17.5 µm		16	
				2 x 1080	134	
	7		17.5 µm		16	
		0,150 mm			150	
	8		17.5 µm		16	
				2 x 1080	134	
	9		17.5 µm		16	
		0,150 mm			150	
	10		17.5 µm		16	
				1 x 1080	66	
	11	Foil	12 µm		30	
				1 x 1080	60	
	BOT/RS	Foil	12 µm	1)	12	

1) copper thickness outer layers: appr. 55 µm

total material thickness:								1466	

Note: Lamination thickness for Prepregs depending on layout characteristics.

final lamination thickness:	**1,45**	+/-	0,11	mm			Date:	Engineer:
thickness with electro plated Cu:	1,54	+/-	0,14	mm				
total thickness with soldermask	1,60	+/-	0,16	mm				
customer requirement		+/-		mm	point:			

prepared: on	by	checked: on	by	approved: on	by	revision	
28.03.2006	**S. Keller**	04.05.2006	M.Kress	04.05.2006	R. Schönholz	00	page: 7+